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Taxonomic Paper

Checklist of the subfamily Adoncholaiminae Gerlach and Riemann, 1974 (Nematoda: Oncholaimida: Oncholaimidae) of the world: genera, species, distribution, and reference list for taxonomists and ecologists

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Abstract

Background

Adoncholaiminae is one of the seven subfamilies in the free-living aquatic nematode family Oncholaimidae. Nematodes in Adoncholaiminae are found from various water environment of the world. However, a checklist of all Adoncholaiminae species including full literature, especially information of experimental (not taxonomic) works, has not been updated for more than 40 years.

New information

A revised checklist of the subfamily Adoncholaiminae of the world is provided. It contains 31 valid and 13 invalid species names in four genera with synonyms, collection records,

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and full literature from 1860's to 2015 for each species. A literature survey of total 477 previous papers was conducted in this work, and 362 of them are newly added to checklist.

Keywords

aquatic nematodes, marine, brackish, freshwater, oncholaimid, synonymy, taxonomy, systematics, nomenclature, ecology

Introduction

Adoncholaiminae Gerlach and Riemann, 1974 is a subfamily of free-living aquatic nematode family Oncholaimidae Filipjev, 1916 (phylum Nematoda). It consists of four genera (Lorenzen 1981a, Lorenzen 1994, Shimada and Kajihara 2014), viz. *Adoncholaimus* Filipjev, 1918, *Admirandus*, Belogurov and Belogurova 1979, *Kreisoncholaimus* Rachor, 1969, and *Meyersia* Hopper, 1967. *Metoncholaimoides* Wieser, 1953 has been placed in the subfamily before, but Shimada and Kajihara (2014) considered the genus as a junior synonym for *Adoncholaimus*. Adoncholaiminae morphologically differs from the other six subfamilies of family Oncholaimidae Filipjev, 1916 in the order Oncholaimida Siddiqi, 1983 and suborder Oncholaimina de Conink, 1965 (c.f. Filipjev 1916, Maggenti 1981, Siddiqi 1983, Smol and Coomans 2006, Hodda 2011, Shimada and Kajihara 2014) by the well developed sperm-storage organ (Demanian system) in the female (Rachor 1969, Belogurov and Belogurova 1977a, Belogurov and Belogurova 1977b, Belogurov and Belogurova 1977c, Belogurov and Belogurova 1977d, Belogurov and Belogurova 1989, Smol and Coomans 2006), however there have been no molecular phylogenetic evidences at present. Nematodes belonging to Adoncholaiminae are found from all continents, from the equatorial tropic to the two poles. Most of them are marine or brackish, and some are freshwater species (Smol and Coomans 2006).

A taxonomist who wants to describe new species must collect original descriptions and redescriptions of all congeners by literature research. Complete lists of all species and subspecies names of the genera are exceedingly helpful for taxonomic studies and biodiversity surveys. Such lists are more useful if any other information of individual species are included. In the field of free-living nematodes, there is a comprehensive reference work "The Bremerhaven Checklist of Aquatic Nematodes" (Gerlach and Riemann 1973, Gerlach and Riemann 1974) covering almost all species names of aquatic nematodes with their synonym list, sampling sites, and references before early 1970's. Although many revisions of the specific genera or higher taxa with species lists and taxonomic keys (e.g. Greenslade and Nicholas 1991, Huang and Cheng 2012, Shimada and Kajihara 2014) have been published since 1974, full literature of them is not available today.

This work aims to provide a checklist of Adoncholaiminae species of the world with their synonymy, distribution, and literature information for potential taxonomists who (will) study

nematodes in the subfamily. A literature survey of 31 valid and 13 invalid species in Adoncholaiminae was conducted. More than 400 papers in which species names of Adoncholaiminae are found, not only taxonomic descriptions and collection records but also ecological, morphological, physiological, and DNA works, were completely collected. However, references not satisfying criteria of publication in Articles 8 and 9 of International Code of Zoological Nomenclature (International Commission on Zoological Nomenclature 1999, International Commission on Zoological Nomenclature 2012a, International Commission on Zoological Nomenclature 2012b), e.g. theses, symposium abstracts, and some web articles, are excluded.

Total 485 previous papers (see References) including any species names of Adoncholaiminae was found through a literature survey. Of these references, only 115 were also cited by Gerlach and Riemann (1974) in section of Adoncholaiminae. New 362 papers are added to literature in the present study, containing 293 published after 1973, and 69 were published before 1974 but neglected by them. However, most of the latter were cited in other sections of their checklist.

The names of oceans and seas were used as defined by International Hydrographic Organization (1953)

Checklist of the subfamily Adoncholaiminae Gerlach and Riemann, 1974 (Nematoda: Oncholaimida: Oncholaimidae) of the world: genera, species, distribution, and reference list for taxonomists and ecologists

Subfamily Adoncholaiminae Gerlach and Riemann, 1974

Nomenclature:

Synonym: subtribe Adoncholaimina Gerlach and Riemann, 1974, used first in Belogurov and Belogurova (1978a)

Synonym: subtribe Meyersiina Belogurov and Belogurova, 1978a

Incorrect original spelling: Adoncholaiminini in Belogurov and Belogurova (1978a), Belogurov and Belogurova (1978b), Belogurov and Belogurova (1988), Belogurov and Belogurova (1989)

Incorrect original spelling: Meyersiinini in Belogurov and Belogurova (1978a), Belogurov and Belogurova (1978b), Belogurov and Belogurova (1988), Belogurov and Belogurova (1989)

Type genus: *Adoncholaimus* Filipjev, 1918 = *Metoncholaimoides* Wieser, 1953 [by Shimada and Kajihara (2014)]

Other genera: *Admirandus* Belogurov and Belogurova, 1979; *Kreisoncholaimus* Rachor, 1969; *Meyersia* Hopper, 1967

Notes: The latest taxonomic key to genera: Smol and Coomans (2006)

Revisions and reviews of the subfamily: Belogurov and Belogurova 1978a, Belogurov and Belogurova 1978b, Lorenzen 1981a, Belogurov and Belogurova 1988, Belogurov and Belogurova 1989, Lorenzen 1994, Hope 2007, Smol et al. 2014

Genus *Adoncholaimus* Filipjev, 1918

Nomenclature:

Synonym: *Metoncholaimoides* Wieser, 1953

non *Adoncholaimus* sp. in Menzel (1925) (= *Oncholaimus menzeli* Schneider, 1937)

nec *Adoncholaimus pristiuris* in Filipjev and Schuurmans Stekhoven (1941) (= incorrect subsequent spelling of *Metoncholaimus pristiurus*?)

Etymology: masculine noun, *ad* (Latin, "to") + genus *Oncholaimus* [*ὄνχος* (Greek, "fang") + *λαιμός* (Greek, "throat")]

Type species: *Adoncholaimus fuscus* (Bastian, 1865) Filipjev, 1918

Valid 22 species: *A. fuscus*; *A. aralensis* Filipjev, 1924; *A. crassicaudus* Wieser, 1953; *A. daikokuensis* Shimada and Kajihara, 2014; *A. derjugini* (Ssaweljev, 1912) Filipjev, 1918; *A. exoptatus* Belogurova and Belogurov, 1974; *A. fervidus* Kirjanova, 1955; *A. filicauda* (Galtsova, 1976) Shimada and Kajihara, 2014; *A. indicus* (von Linstow, 1907) Filipjev, 1918; *A. islandicus* Kreis, 1963; *A. lepidus* (de Man 1889) Filipjev, 1918; *A. longicaudatus* Paramonov, 1929; *A. longispiculatus* Gagarin and Nguyen, 2007; *A. oxyuroides* (Allgén, 1934) Gerlach and Riemann, 1974; *A. panicus* Cobb, 1930; *A. parvus* Gagarin and Nguyen, 2003; *A. pseudofervidus* Shimada and Kajihara, 2014; *A. punctatus* (Cobb, 1914) Filipjev, 1924; *A. quadriporus* Belogurova and Belogurov, 1974; *A. squalus* (Wieser, 1953) Shimada and Kajihara, 2014; *A. thalassophygas* (de Man, 1876) Filipjev, 1918; *A. ussuriensis* Mordukhovich *et al.*, 2015

Invalid 11 species: *A. angustatus* (Cobb, 1981) Filipjev, 1918; *A. austrogeorgiae* Allgén, 1959; *A. bandaensis* Kreis, 1932; *A. chilkensis* (Stewart, 1914) Kreis, 1934; *A. chinensis* Huang and Zhang, 2009; *A. falklandiae* Allgén, 1959; *A. meridionalis* (Kreis, 1932) Rachor, 1969; *A. nudus* (Kreis, 1932) Rachor, 1969; *A. papillatus* Kreis, 1932; *A. skawensis* (Ditlevsen, 1921) Allgén, 1933; *A. taboguillensis* (Allgén, 1947) Wieser, 1953

Notes: Original description: Filipjev (1918)

English translation of original description: Filipjev (1968)

The latest taxonomic key to species: Mordukhovich et al. (2015)

Revisions and reviews of the genus: Filipjev (1924), Kreis (1934), Hopper and Cairns (1959), Chitwood (1960), Rachor (1969), Gerlach and Riemann (1974), Belogurov and Belogurova (1977b), Belogurov and Belogurova (1977d), Belogurov and Belogurova (1977c), Belogurov and Belogurova (1977a), Belogurov and Belogurova (1978b),

Belogurov and Belogurova (1978a), Platt and Warwick (1983), Belogurov and Belogurova (1988), Belogurov and Belogurova (1989), Keppner and Tarjan (1989), Somerfield and Warwick (1996), Smol and Coomans (2006), Smol et al. (2014), Shimada and Kajihara (2014)

Molecular phylogeny: Litvaitis et al. 2000, Bhadury et al. 2006a, Bhadury et al. 2006b, Sharma et al. 2006, Bhadury et al. 2007, Meldal et al. 2007, Bik et al. 2010a, Bik et al. 2010b

Collection records of unidentified species (*Adoncholaimus* sp.): see Table 1

Table 1.

References of unidentified species in *Adoncholaimus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Schulz 1935b	Lake Ganzirri, Sicilia Island, Mediterranean Sea	Italy	brackish	×									
Allgén 1942	-	-	-						×				
Riemann 1969	Arensch, Cuxhaven, North Sea	Germany	plants						×				
Ward 1973	Liverpool Bay, Irish Sea	United Kingdom	muddy or clean sand with gravel						×				
Belogurov and Belogurova 1979	Urup, Kuril Islands, North Pacific Ocean	Russia	intertidal	×									
Krishnamurthy et al. 1980	Bay of Bengal	India	mangrove						×				
Subramanian et al. 1984	Vellar to Coleroon estuary, Bay of Bengal	India	mangrove						×				
Aryuthaka 1985 (*Metoncholaimoides* sp.)	Yojiro, Kagoshima Bay, North Pacific Ocean	Japan	sand and seagrasses, 1–3 m deep						×				
Gerdes et al. 1985b	Gavish Sabkha, along Gulf of Elat, Red Sea	Egypt	brackish						×				

Hodda and Nicholas 1985	Hunter estuary, South Pacific Ocean	Australia	intertidal mud with plants						×					
Hammer 1986	-	-	-											×
Lambshead 1986	Bute Island, Firth of Clyde, Irish Sea	United Kingdom	sediment						×					
Alongi 1990	Bowling Green Bay, South Pacific Ocean	Australia	intertidal						×					
Matsumoto et al. 1992	Ariake Sea, Eastern China Sea	Japan	intertidal mud						×					
Ólafsson et al. 1993	off Askö, Baltic Sea	Sweden	34 m deep						×					
Riemann 1995	Porcupine Seabight, North Atlantic Ocean	off Ireland	deep sea sediment						×					
Villano and Warwick 1995	Palude della Rose, Venezia, Adriatic Sea, Mediterranean Sea	Italy	sediment						×					
Blome 1996	Arensch, North Sea	Germany	intertidal						×					
Gee and Somerfield 1997	Sungai Pasir, Malacca Strait	Malaysia	mangrove						×					
Blaxter et al. 1998	-	-	-					×						
Pallo et al. 1998	Gulf of Riga, Baltic Sea	Latvia; Estonia	sediment						×					
Somerfield et al. 1998	Merbok estuary, Malacca Strait	Malaysia	mangrove						×					
Gyedu-Ababio et al. 1999	Swartkops estuary, Algoa Bay, Indian Ocean	South Africa	brackish sediment						×					
Moens et al. 1999a	Schelde estuary, North Sea	The Netherlands	sediment						×					
Moens et al. 1999b	Schelde estuary, North Sea	The Netherlands	sediment						×					
Aarnio 2000	Åland archipelago, Baltic Sea	Finland	subtidal sand						×					
Moens et al. 2000	-	-	-											×
Warwick and Villano 2000	same as Villano and Warwick 1995								×					

Blaxter 2001	-	-	-										×
Gagarin 2001	North East Yakutia, Arctic Sea	Russia	no data						×				
Gheskière et al. 2002	De Panne, North Sea	Belgium	sediment						×				
Gwyther and Fairweather 2002	Barwon estuary, Victoria, Bass Strait	Australia	mud						×				
Wu et al. 2002	Chongming, Shanghai, Eastern China Sea	China	soil with plants						×				
Gwyther 2003	Barwon estuary, Victoria, Bass Strait	Australia	sediment						×				
Ullberg and Ólafsson 2003b	Sandviken, Askö, Baltic Sea	Sweden	sand						×				
Ullberg and Ólafsson 2003a	Sandviken, Askö, Baltic Sea	Sweden	sand						×				
Clarke et al. 2004	-	-	-					×					
Gagarin and Nguyen 2005	Nhue River, Hanoi	Vietnam	sediment						×				
Mullin et al. 2005	no data	-	sediment					×					
Pavlyuk and Trebukhova 2005	Amur Bay, Japan Sea	Russia	6.4–7.5 m deep						×				
Wu et al. 2005	Shanghai, Eastern China Sea	China	soil						×				
Bhadury et al. 2006a	-	-	-					×					
Pavlyuk and Trebukhova 2006	Nha Trang Bay, South China Sea	Vietnam	sediment						×				
Urban-Malinga et al. 2006	Hel Peninsula, Puck Bay, Baltic Sea	Poland	sediment						×				
van Straalen and Roelofs 2006	-	-	-										×
Chen et al. 2007	Yangtze estuary, Shanghai, Eastern China Sea	China	plants						×				
Pavithran et al. 2007	Central Indian Ocean Basin, Indian Ocean	off India	deep sea sediment						×				

Pavlyuk et al. 2007a	Amur Bay, Japan Sea	Russia	intertidal and subtidal sediment						×					
Pavlyuk et al. 2007b	same as Pavlyuk et al. 2007a								×					
Schratzberger et al. 2007	North Sea	off United Kingdom	sediment						×					
Shen et al. 2007	Qingdao, Yellow Sea	China	intertidal sand					×						
Timm et al. 2007	Reigi Bay, Hiiumaa Island, Baltic Sea	Estonia	brackish sediment						×					
Torres-Pratis and Schizas 2007	Magueyes Island, Caribbean Sea	Puerto Rico	mangrove						×					
Quang et al. 2007	Khe Nhan, Can Gio, South China Sea	Vietnam	mud among mangrove						×					
de Leonardis et al. 2008	Manfredonia, Adriatic Sea; Gallipoli, Ionian Sea, Mediterranean Sea	Italy	60–700 m deep						×					
Hose et al. 2008	Lake Martin, Victoria	Australia	freshwater sediment						×					
Ivanova et al. 2008	Tikhaya Lagoon, Amur Bay, Japan Sea	Russia	freshwater and brackish sediment						×					
Pavlyuk and Trebukhova 2008	Amur Bay, Japan Sea	Russia	sediment						×					
Chu et al. 2009	-	-	-					×						
Pavithran et al. 2009	Central Indian Ocean Basin, Indian Ocean	off India	deep sea sediment						×					
van Megen et al. 2009	no data	The Netherlands	soil					×						
Willems et al. 2009	Hättorna, Skagerrak	Sweden	sand, 23–28 m deep						×					
Belogurova 2010	Amur Bay; Kozmino, Japan Sea	Russia	intertidal to subtidal						×					
Bik et al. 2010a	no data	-	no data					×						
Bik et al. 2010b	same as Bik et al. 2010a							×						
Nanajkar and Ingole 2010	Karwar; Ratnagiri, Arabian Sea	India	subtidal sediment						×					

Semprucci et al. 2010	Adriatic Sea, Mediterranean Sea	Italy	sediment						×					
Venekey et al. 2010	no data	Brazil	no data						×					
Gyedu-Ababio 2011	Swartkops estuary, Algoa Bay; Gamtoos estuary, St. Francis Bay, Indian Ocean	South Africa	subtidal sediment						×					
Ngo and Vo 2011	Can Gio, Ho Chi Minh, South China Sea	Vietnam	sediment among mangrove						×					
Pavlyuk and Trebukhova 2011	Jeju Island, Eastern China Sea	South Korea	intertidal sediment						×					
Portnova et al. 2011	Håkon Mosby Mud Volcano, Norwegian Sea	off Norway	1277–1294 m deep						×					
Sawangarreruks et al. 2011	Tha Chin estuary, Gulf of Thailand	Thailand	sediment among mangrove						×					
Tsujino and Uchida 2011	Zigozen, Hiroshima Bay, Seto Inland Sea	Japan	intertidal mud without algae						×					
Fonseca and Fehlauer-Ale 2012	São Sebastião, South Atlantic Ocean	Brazil	intertidal sediment					×						
Nguyen et al. 2012	Mekong River Delta, South China Sea	Vietnam	freshwater sediment						×					
van Straalen and Roelofs 2012	-	-	-											×
Zeppilli et al. 2012	Gulf of Lions, Mediterranean Sea	France	265–434 m deep						×					
Belogurova 2013	Peter the Great Gulf, Japan Sea	Russia	270–800 m deep						×					
Carriço et al. 2013	Saint-Nic, North Atlantic Ocean	France	fine sand						×					
Gingold et al. 2013	El Tornillal, Gulf of California	Mexico	sediment						×					
Ngo and Ngo 2013	Can Gio, Long Hòa, Ho Chi Minh	Vietnam	shrimp growing ponds						×					

Pinto et al. 2013	Itamaraca Island, South Atlantic Ocean	Brazil	sediment among mangrove						×					
Sturhan 2013	Hooge Island, North Sea	Germany	soil						×					
Moens et al. 2014	Veerse Meer, North Sea	The Netherlands	brackish							×				
Ngo et al. 2014	Can Gio, Long Hòa, Ho Chi Minh	Vietnam	sediment among mangrove						×					
Portnova et al. 2014a	Nyegga, Storegga Slide, Norwegian Sea	off Norway	714–739 m deep						×					
Portnova et al. 2014b	same as Portnova et al. 2014b								×					
Zeppilli et al. 2014	Azores Archipelago, North Atlantic Ocean	Portuguese	206–1900 m deep						×					
Pastor de Ward et al. 2015	San Julián Bay, Santa Cruz, South Atlantic Ocean	Argentina	intertidal sediment						×					

Adoncholaimus fuscus (Bastian, 1865) Filipjev, 1918

Nomenclature:

Synonym: *Oncholaimus fuscus* Bastian, 1865

Synonym?: *Adoncholaimus oxyuroides* Allgén, 1934b [by Wieser (1953), not followed by Shimada and Kajihara (2014)]

Etymology: adjective, *fuscus*, *-a*, *-um* (Latin, "dark")

Notes: Holotype: unknown

References: see Table 2

Table 2.

References of *Adoncholaimus fuscus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Bastian 1865 (*O. fuscus*)	Falmouth, English Channel	United Kingdom	mud	×									
Möbius 1873 (*O. fuscus*)	-	-	-										×
Bütschli 1874 (*O. fuscus*)	Kiel Bay, Baltic Sea	Germany	no data								×		
Villot 1875 (*O. fuscus*)	-	-	-										×
von Linstow 1878 (*O. fuscus*)	-	-	-				×						
de Man 1886 (*O. fuscus*)	Schelde estuary, Walcheren, North Sea	The Netherlands	no data	×									
de Man 1888 (*O. fuscus*)	-	-	-										×
de Man 1889a (*O. fuscus*)	-	-	-										×
de Man 1889b (*O. fuscus*)	-	-	-						×				
de Man 1889c (*O. fuscus*)	-	-	-										×
von Linstow 1889 (*O. fuscus*)	-	-	-				×						
Jägerskiöld 1901 (*O. fuscus*)	-	-	-										×
von Linstow 1902 (*O. fuscus*)	-	-	-										×
Jägerskiöld 1904 (*O. fuscus*)	SW coast of Jutland Peninsula, North Sea	Denmark	no data						×				
Stewart 1906 (*O. fuscus*)	-	-	-										×
Horsman 1912 (*O. fuscus*)	Ynyslas, Irish Sea	United Kingdom	sand						×				

Stewart 1914b (*O. fuscus*)	-	-	-									×
Filipjev 1918	-	-	-			×						
Ditlevsen 1919 (*O. fuscus*)	Snoghøj; Kongebro, Little Belt	Denmark	intertidal to 15 m deep					×				
Allgén 1921 (*O. fuscus*)	-	-	-									×
Micoletzky 1921 (*O. fuscus*)	-	-	-									×
Filipjev 1924	-	-	-			×						
Allgén 1925 (*O. fuscus*)	-	-	-									×
Filipjev 1925	-	-	-				×					
Allgén 1927 (*O. fuscus*)	Barsebäckshamn, Øresund	Sweden	algae	×								
Schodduyn 1927 (*O. fuscus*)	Slack estuary, near Boulogne-sur-mer, English Channel	France	bottom sediment					×				
Cobb 1930	-	-	-							×		
von Wülker and Schuurmans Stekhoven 1933	-	-	-									×
Allgén 1934b (*O. fuscus*)	-	-	-					×				
Kreis 1934	-	-	-			×						
Allgén 1935a	-	-	-					×				
Schuurmans Stekhoven 1935a	Zuiderzee, North Sea	The Netherlands	no data	×								
Schuurmans Stekhoven 1935b	Nieuport, English Channel; Zuiderzee, North Sea	Belgium; The Netherlands	no data					×				
Schuurmans Stekhoven et al. 1935	Zuiderzee, North Sea	The Netherlands	no data					×				
Schuurmans Stekhoven 1936b	-	-	-					×				
Schulz 1936	Amrum, North Sea	Germany	subtidal sand					×				

Schneider 1939	-	-	-					×				
Bresslau and Schuurmans Stekhoven 1940	Helgoland, North Sea	Germany	no data					×				
de Vos and Redeke 1941	Wadden Sea, North Sea	The Netherlands	no data					×				
Schuurmans Stekhoven 1942a	Øresund	Belgium	no data					×				
Schuurmans Stekhoven 1942b	Yerseke, North Sea	The Netherlands	oyster bed					×				
Schuurmans Stekhoven 1946	Stockholm Archipelago, Baltic Sea	Sweden	no data					×				
Chitwood 1951	Woods Hole, Massachusetts, North Atlantic Ocean	United States	no data					×				
Gerlach 1953b	Kiel Bay, Baltic Sea	Germany	sand					×				
Wieser 1953	-	-	-			×						
Gerlach 1954b	-	-	-					×				
Schuurmans Stekhoven 1954	-	-	-					×				
Remane 1955	-	-	-									×
el Maghraby and Perkins 1956	Wave Crest, Whitstable, North Sea	United Kingdom	mud on slipway					×				
Wieser et al. 1957	Rum Bay, Plymouth, English Channel	United Kingdom	intertidal mud					×				
Gerlach 1958	Kiel Fjord; Vodrups Flak, Kiel Bay, Baltic Sea	Germany	sand; gravel, 2–13 m deep					×				
Capstick 1959	Blyth estuary, North Sea	United Kingdom	sediment					×				
Gerlach 1959	-	-	-					×				
Paramonov 1962 (*O. fuscus*)	-	-	-		×							
Kreis 1963	-	-	-									×
de Coninck 1965	-	-	-									×
Bilio 1966	-	-	-					×				

Coles 1966	Skippers Island, Thorpe-le-Soken, Essex, North Sea	United Kingdom	soil among plant roots					×					
Riemann 1966 (*A.* aff. *fuscus*)	Cuxhaven-Groden; Ostemündung, North Sea	Germany	sand, intertidal; 13–15 m deep	×									
Filipjev 1968	Schleswig-Holsteinischen, North Sea	Germany	plants in salt marsh					×					
Paramonov 1968 (*O. fuscus*)	-	-	-		×								
Hopper 1969	Kingsport, Nova Scotia, North Atlantic Ocean	Canada	blackish-grey mud among plants	×									
Lorenzen 1969	Schleswig-Holsteinischen	Germany	brackish plants in salt marsh					×					
Rachor 1969	same as Rachor 1970									×			
Giere 1970	North Sea	Germany	sand					×					
Rachor 1970	Baltic Sea; North Sea	Germany	no data					×					
Warwick 1971	Lympstone, Exe estuery, English Channel	United Kingdom	sand					×					
Hope and Murphy 1972	-	-	-				×						
Hope 1974	-	-	-										×
Gerlach and Riemann 1974	-	-	-				×						
Warwick and Gage 1975	Loch Etive, Scotland	United Kingdom	surface					×					
Belogurov and Belogurova 1977a	-	-	-							×			
Belogurov and Belogurova 1977b	-	-	-							×			
Belogurov and Belogurova 1978a	-	-	-			×							

Belogurov and Belogurova 1978b	-	-	-			×					
Belogurova 1978	Itrup, Kuril Islands, North Pacific Ocean	Russia	subtidal	×							
Belogurov and Belogurova 1979	-	-	-								×
Belogurova and Belogurov 1979	Kuril Islands, North Pacific Ocean	Russia	10 m deep					×			
Calcoen and de Kegel 1979	Nieuwpoort-Bad, North Sea	Belgium	sand						×		
Maertens and Coomans 1979	-	-	-								×
Calcoen and de Kegel 1980	-	-	-								×
Sherman and Coull 1980	Crabhaul Creek, North Inlet, North Atlantic Ocean	United States	mud with detritus					×			
Bouwman 1981	Ems estuary, North Sea	Germany	intertidal sandy sediment	×							
Blome 1982	Sylt Island, North Sea	Germany	sand					×			
Field et al. 1982	Exe estuary, English Channel	United Kingdom	mud, sand					×			
Yoshimura 1982	-	-	-								×
Bouwman 1983	same as Bouwman 1981							×			
Chabaud et al. 1983	-	-	-						×		
Heip et al. 1983	-	-	-					×			
Platt and Warwick 1983	no data	United Kingdom	no data	×							
Gerdes and Krumbein 1984	-	-	-					×			
Belogurov 1985	-	-	-						×		
Gerdes et al. 1985a	Mellum Island, North Sea	Germany	sand					×			

Gerdes et al. 1985b (*O. fuscus*)	Gavish Sabkha, along Gulf of Elat, Red Sea	Egypt	brackish						×				
Heip et al. 1985	-	-	-						×				
Belogurov and Belogurova 1988	-	-	-			×							
Coomans et al. 1988	-	-	-										×
Belogurov and Belogurova 1989	Far East	Russia	no data			×							
Furstenberg and Vincx 1989	-	-	-										×
Bussau 1990a	Wadden Sea, North Sea	Germany	sand						×				
Bussau 1990b	same as Bussau 1990a			×									
Kennish 1990	-	-	-						×				
Mohd Long 1990	Forth estuary, Scotland, North Sea	United Kingdom	mud						×				
Trett and Feil 1990	-	-	-						×				
Alkemade et al. 1993	Stroodorpepolder, North Sea	The Netherlands	brackish, plants leaves						×				
Clarke 1993	same as Warwick 1971								×				
Soetaert et al. 1994	Western Scheldt, North Sea	The Netherlands	sediment						×				
Kennedy 1995	Exe estuary, English Channel	United Kingdom	sand						×				
Soetaert et al. 1995	Ems estuary; Somme; Western Scheldt, North Sea	Germany; France; Belgium	brackish sediment						×				
Blome 1996	Borkum; Mellum; Ems estuary; Weser estuary, North Sea	Germany	intertidal sand; microbial mats						×				
Blome and Faubel 1996	off Kaiser-Wuhelm-Koog, Elbe estuary, North Sea	Germany	sand with mud and shells						×				

Moens and Vincx 1997	Western Scheldt, North Sea	The Netherlands	subtidal to intertidal, sand and mud						×				
Platt and Ball 1997	-	-	-					×					
Travizi and Vidaković 1997	Mirna estuary; Adriatic Sea, Mediterranean Sea	Croatia	silt and sand					×					
Yushin and Malakhov 1997	-	-	-										×
Attrill 1998	-	-	-					×					
Craig and Ashman 1998	Solway Firth, Irish Sea	United Kingdom	intertidal					×					
Moens and Vincx 1998	same as Moens and Vincx 1997								×				
Justine and Jamieson 1999	-	-	-										×
Moens et al. 1999b	Western Scheldt, North Sea	The Netherlands	mud and coarse sand						×				
Moens et al. 1999c	Western Scheldt, North Sea	The Netherlands	intertidal mud						×				
Tita et al. 1999	-	-	-						×				
Moens et al. 2000	Molenplaat; Paulina salt marsh, Schelde estuary, North Sea	The Netherlands	intertidal						×				
Litvaitis et al. 2000	Paulina salt marsh, Schelde estuary, North Sea	The Netherlands	silty sediment					×					
de Smet et al. 2001	-	-	-						×				
Justine 2002	-	-	-										×
Moens et al. 2002	Paulina salt marsh, Schelde estuary, North Sea	The Netherlands	brackish, lower vegetation zone						×				
Tita et al. 2002	Parc du Bic, St. Lawrence estuary, Gulf of St. Lawrence	Canada	mud and sand						×				
Yushin et al. 2002	-	-	-										×

Bilgrami and Gaugler 2004	-	-	-									×
Bilgrami and Gaugler 2005	-	-	-									×
Cook et al. 2005	Southend-on-Sea or Southampton, English Channel	United Kingdom	sediment				×					
Kathiresan and Qasim 2005	Andaman and Nicobar Islands, Indian Ocean	India	mangrove					×				
Moens et al. 2005a	Paulina salt marsh, Schelde estuary, North Sea	The Netherlands	sediment						×			
Moens et al. 2005b	Western Scheldt, North Sea	The Netherlands	no data						×			
Afanasiev-Grigoriev et al. 2006	-	-	-									×
Bhadury et al. 2006a	England	United Kingdom	no data				×					
Bhadury et al. 2006b	same as Bhadury et al. 2006a						×					
Haseman 2006	-	-	-									×
Krassen 2006	-	-	-									×
Sharma et al. 2006	Aransas Pass, Port Aransas, North Atlantic Ocean	United States	sediment				×					
Smol and Coomans 2006	-	-	-		×							
Bhadury et al. 2007	Tamar estuary, English Channel	United Kingdom	no data				×					
Chinnadurai and Fernando 2007	Vellar estuary, Bay of Bengal	India	sediment among mangrove					×				
Meldal et al. 2007	Southampton Water, English Channel	United Kingdom	intertidal sediment				×					
Fonseca and Gallucci 2008	-	-	-									×

Moodley et al. 2008	Westerschelde estuary, North Sea	The Netherlands	mud					×				
Semprucci et al. 2008	-	-	-					×				
Arigó et al. 2009	Akrotiri Bay, Mediterranean Sea	Cyprus	sediment					×				
Giere 2009	-	-	-									×
Huang and Zhang 2009	-	-	-									×
Leduc 2009	-	-	-									×
Bik et al. 2010a	no data	-	no data				×					
Vandepitte et al. 2010	-	-	-					×				
dos Santos and Moens 2011	-	-	-									×
Sminova and Fadeeva 2011	Japan Sea	Russia	sandy sediment					×				
Shokoohi et al. 2013	-	-	-				×					
Shoshin 2013	-	-	-					×				
Gibson and Fuentes 2014	-	-	-				×					
Smol et al. 2014	-	-	-		×							
Shimada and Kajihara 2014	-	-	-			×						
Mordukhovich et al. 2015	-	-	-			×						

Adoncholaimus aralensis Filipjev, 1924

Nomenclature:

Incorrect subsequent spelling: *Adoncholaimus araliensis* in Kreis (1934)

Etymology: adjective, Aral (type locality) + *ensis*, *-is*, *-e* (Latin, suffix)

Notes: Holotype: unknown

References: see Table 3

Table 3.

References of *Adoncholaimus aralensis*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Filipjev 1924	Aralsk landing bridge, Aral Sea	Kazakhstan	brackish	×									
Kreis 1934 (*A. araliensis*)	-	-	-			×							
Schneider 1937	-	-	-										×
Rachor 1969	-	-	-										×
Gerlach and Riemann 1974	-	-	-				×						
Tchesunov 1976	Caspian Sea	USSR	brackish						×				
Gagarin 1978	Astrakhan	Russia	freshwater						×				
Belogurov and Belogurova 1979	-	-	-										×
Belogurova and Belogurov 1979	Urup, Kuril Islands, North Pacific Ocean	Russia	subtidal						×				
Mordukhai-Boltovskoi 1979	Caspian Sea	USSR	brackish						×				
Tsalolikhin 1979	Lake Issyk-Kul	Kyrgyzstan	brackish						×				
Gagarin 1981	-	-	-										×
Tsalolikhin 1982	-	-	-										×
Tchesunov 1983	Caspian Sea	-	brackish						×				
Belogurov and Belogurova 1988	-	-	-			×							
Gagarin and Nguyen 2003	-	-	-										×
Smol and Coomans 2006	-	-	-		×								
Mokievsky 2009	-	-	-										×

Gusakov and Gagarin 2012a	Lake El'ton	Russia	brackish					×					
Gusakov and Gagarin 2012b	same as Gusakov and Gagarin 2012a							×					
Shoshin 2013	-	-	-					×					
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus crassicaudus Wieser, 1953

Nomenclature:

Etymology: adjective, *crassus*, *-a*, *-um* (Latin, "thick") + *cauda* (Latin, "tail") + *us*, *a*, *um* (Latin, suffix)

Notes: Holotype: unknown

References: see Table 4

Table 4.

References of *Adoncholaimus crassicaudus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; I, Fixation method; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Wieser 1953	San Antonio, Valparais, South Pacific Ocean	Chile	intertidal, filamentous green algae	×									
Mawson 1958	Kerguelen Islands, Indian Ocean; Macquarie Island, South Pacific Ocean	French Southern and Antarctic Lands	intertidal to 69 m deep, rock; green algae; seaweeds	×									
Wieser 1959	same as Wieser 1953								×				
Rachor 1969	-	-	-										×
Timm and Hackney 1969	Bodega Bay, California	United States	algae									I	

Gerlach and Riemann 1974	-	-	-				×					
Belogurov and Belogurova 1979	Hopeful Bay, Kerguelen Islands, Indian Ocean	French Southern and Antarctic Lands	silty sand, 3–30 m deep	×								
Belogurov and Belogurova 1988	-	-	-			×						
Greenslade 1989	-	-	-						×			
Ingels et al. 2014	-	-	-						×			
Shimada and Kajihara 2014	-	-	-			×						
Mordukhovich et al. 2015	-	-	-			×						

Adoncholaimus daikokuensis Shimada and Kajihara, 2014

Nomenclature:

Etymology: adjective, Daikoku (type locality) + *ensis*, *-is*, *-e* (Latin, suffix)

Notes: Holotype: ICHUM (formerly ZIHU) 4162, Hokkaido University Museum, Sapporo, Japan

References: see Table 5

Table 5.

References of *Adoncholaimus daikokuensis*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Shimada and Kajihara 2014	Daikoku Island, Hokkaido, North Pacific Ocean	Japan	intertidal mud in seagrass bed	×									
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus derjugini (Ssaweljev, 1912) Filipjev, 1924

Nomenclature:

Synonym: *Oncholaimus derjugini* Ssaweljev, 1912

Etymology: genitive noun, K. Derjugin (person) + *i* (Latin, suffix)

Notes: Holotype: unknown

References: see Table 6

Table 6.

References of *Adoncholaimus derjugini*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Ssaweljev 1912 (*O. derjugini*)	Mogil'noye Bay, Kildin Island, Barents Sea	Russia	no data	×									
Filipjev 1924	-	-	-			×							
Filipjev 1925	-	-	-						×				
Kreis 1934	-	-	-			×							
Allgén 1957	-	-	-						×				
Rachor 1969	-	-	-										×
Gerlach and Riemann 1974	-	-	-				×						
de Smet et al. 2001	-	-	-						×				
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus exoptatus Belogurova and Belogurov, 1974

Nomenclature:

Etymology: adjective, *exoptatus*, *-a*, *-um* (Latin, "greatly desired, longed for")?

Notes: Holotype: Institute of Marine Biology of the Far Eastern Branch, USSR Academy of Sciences, Vladivostok, USSR

References: see Table 7

Table 7.

References of *Adoncholaimus exoptatus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Belogurova and Belogurov 1974	Itrup, Kuril Islands, North Pacific Ocean	Russia	rhizoids of subtidal algae	×									
Belogurov and Belogurova 1977a	-	-	-								×		
Belogurov and Belogurova 1977d	-	-	-								×		
Belogurov and Belogurova 1979	-	-	-										×
Belogurova and Belogurov 1979	Kuril Islands, North Pacific Ocean	Russia	subtidal to intertidal, sand among seagrasses and stones	×									
Smolyanko and Belogyrov 1987	-	-	-										×
Belogurov and Belogurova 1988	-	-	-			×							
Belogurov and Belogurova 1989	Far East	Russia	no data			×							
Shoshin 2013	-	-	-						×				
Smol et al. 2014	-	-	-		×								
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus fervidus Kirjanova, 1955

Nomenclature:

Etymology: adjective, *fervidus*, *-a*, *-um* (Latin, "fiery")?

Notes: Holotype: unknown

References: see Table 8

Table 8.

References of *Adoncholaimus fervidus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Kirjanova 1955	Japan Sea	Russia	among algae	×									
Kirjanova 1966	same as Kirjanova 1955			×									
Belogurova and Belogurov 1974	Iturup, Kuril Islands, North Pacific Ocean	Russia	subtidal, sand among barnacles and algal rhizoids	×									
Belogurov and Belogurova 1977a	-	-	-								×		
Belogurov and Belogurova 1977d	-	-	-								×		
Belogurov and Belogurova 1979	Kuril Islands, North Pacific Ocean	Russia	subtidal mudflat	×									
Belogurova and Belogurov 1979	Kuril Islands, North Pacific Ocean	Russia	supratidal to subtidal, sand among algae, barnacles, and polychaetes	×									
Smolyanko and Belogyrov 1987	-	-	-										×
Belogurov and Belogurova 1988	-	-	-			×							
Belogurov and Belogurova 1989	Far East	Russia	no data			×							
Pavlyuk et al. 2007a	Amur Bay, Japan Sea	Russia	intertidal						×				
Pavlyuk et al. 2007b	same as Pavlyuk et al. 2007a								×				
Ivanova et al. 2008	Amur Bay, Japan Sea	Russia	intertidal						×				

Pavlyuk et al. 2009	Peter the Great Bay, Japan Sea	Russia	30 m deep						×					
Belogurova 2010	Amur Bay; Kozmino, Japan Sea	Russia	intertidal to subtidal						×					
Zvyagintsev and Moshchenko 2010	Vladivostok	Russia	cooling system of power station						×					
Shoshin 2013	-	-	-						×					
Shimada and Kajihara 2014	-	-	-			×								
Mordukhovich et al. 2015	-	-	-			×								

Adoncholaimus filicauda (Galtsova, 1976) Shimada and Kajihara, 2014

Nomenclature:

Synonym: *Metoncholaimoides filicauda* Galtsova, 1976

Etymology: appositive noun, *filum* (Latin, "thread") + *cauda* (Latin, "tail")

Notes: Holotype: Collection No. 10, Institute of Zoology, USSR Academy of Sciences, Leningrad, USSR

References: see Table 9

Table 9.

References of *Adoncholaimus filicauda*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Galtsova 1976 (*M. filicauda*)	White Sea	Russia	intertidal silty sand	×									
Belogurov and Galtsova 1983	-	-	-										×
Galtsova 1985 (*M. filicauda*)	same as Galtsova 1976			×									
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus indicus (von Linstow, 1907) Filipjev, 1918

Nomenclature:

Synonym: *Oncholaimus indicus* von Linstow, 1907

Etymology: adjective, *indicus*, -*a*, -*um* (Latin, "Indian")

Notes: Holotype: unknown

References: see Table 10

Table 10.

References of *Adoncholaimus indicus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
von Linstow 1907 (*O. indicus*)	Conning, Matla, Bay of Bengal	India	brackish	×									
Stewart 1914a (*O. indicus*)	Conning, Matla, Bay of Bengal	India	brackish	×									
Stewart 1914b	-	-	-										×
Filipjev 1918	-	-	-			×							
Filipjev 1924	-	-	-			×							
Menzel 1925	-	-	-										×
Allgén 1934c	-	-	-										×
Kreis 1934	-	-	-			×							
Schneider 1937 (*O. indicus*)	-	-	-										×
Filipjev 1968	-	-	-			×							
Gerlach and Riemann 1974	-	-	-				×						
Kathiresan and Qasim 2005 (*O. indicus*)	-	-	-						×				
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus islandicus Kreis, 1963

Nomenclature:

Etymology: adjective, *islandicus*, *-a*, *-um* (Latin, "Icelandic")

Notes: Holotype: unknown

References: see Table 11

Table 11.

References of *Adoncholaimus islandicus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Kreis 1963	Eyja Fjord, Greenland Sea	Iceland	mud	×									
Rachor 1969	-	-	-										×
Gerlach and Riemann 1974	-	-	-				×						
Belogurov and Belogurova 1977a	-	-	-								×		
Belogurov and Belogurova 1977d	-	-	-								×		
Belogurov and Belogurova 1978a	-	-	-			×							
Belogurov and Belogurova 1978b	-	-	-			×							
Belogurov and Belogurova 1979	-	-	-										×
Alekseyev and Dizendorf 1981	near Aniva Bay, Sakhalin, Sea of Okhotsk	Russia	mud with detritus, 0.6 m deep	×									
Furstenberg and Vincx 1989	-	-	-										×
de Smet et al. 2001	-	-	-						×				
Smol and Coomans 2006	-	-	-		×								

Shimada and Kajihara 2014	-	-	-			×								
Mordukhovich et al. 2015	-	-	-			×								

Adoncholaimus lepidus (de Man 1889) Filipjev, 1918

Nomenclature:

Synonym: *Oncholaimus lepidus* de Man, 1889

non *Oncholaimus lepidus* sensu Schneider (1906): see *Adoncholaimus thalassophygas*

nec *Adoncholaimus lepidus* sensu Warwick and Gage 1975: see *Adoncholaimus panicus*

Synonym?: *Metoncholaimoides filicauda* Wieser 1953 [by Belogurov and Galtsova (1983), not followed by Shimada and Kajihara (2014)]

Etymology: adjective, *lepidus*, *-a*, *-um* (Latin, "agreeable")?

Notes: Holotype: unknown

References: see Table 12

Table 12.

References of *Adoncholaimus lepidus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy; V, developmental biology.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
de Man 1889b (*O. lepidus*)	Walcheren, North Sea	The Netherlands	brackish soil among plant roots	×									
von Linstow 1889 (*O. lepidus*)	-	-	-				×						
Steiner 1917 (*O. lepidus*)	-	-	-										×
Filipjev 1918	-	-	-			×							
Micoletzky 1921 (*O. lepidus*)	-	-	-		×								
de Man 1922b (*O. lepidus*)	-	-	-						×				

Steiner 1922 (*O. lepidus*)	-	-	-										×
Filipjev 1924	-	-	-			×							
Allgén 1929b (*O. lepidus*)	-	-	-										×
Allgén 1929c (*O. lepidus*)	-	-	-										×
Allgén 1933 (*O. lepidus*)	-	-	-										×
de Coninck and Schuurmans Stekhoven 1933	-	-	-										×
von Wülker and Schuurmans Stekhoven 1933	-	-	-										×
Allgén 1934c (*O. lepidus*)	-	-	-										×
Kreis 1934	-	-	-			×							
Schulz 1935a (*O. lepidus*)	Kiel Bay, Baltic Sea (in Gerlach and Riemann 1974)	Germany	coastal groundwater						×				
Schuurmans Stekhoven 1935a	Zuiderzee, North Sea	The Netherlands	no data	×									
Schuurmans Stekhoven et al. 1935	Zuiderzee, North Sea	The Netherlands	no data						×				
Schuurmans Stekhoven 1936b	-	-	-						×				
Schneider 1939	-	-	-						×				
de Coninck 1943	Cape Reykjanes, North Atlantic Ocean	Iceland	wet terrestrial soil near brackish pond						×				
de Coninck 1944	same as de Coninck 1943			×									
Gerlach 1949	Kiel Bay, Baltic Sea	Germany	otoplana zone and wet sand						×				
Goodey 1951 (*O. lepidus*)	-	-	-										×

Timm 1952	Chesapeake Bay, North Atlantic Ocean	United States	no data	×									
Gerlach 1953a	Tvärminne, Gulf of Finland, Baltic Sea	Finland	otoplana zone; groundwater	×									
Gerlach 1953b	Kiel Bay, Baltic Sea	Germany	sand						×				
Wieser 1953	-	-	-			×							
Gerlach 1954a	-	-	-						×				
Gerlach 1954b	-	-	-						×				
Gerlach 1954c	-	-	-						×				
Brinck et al. 1955	Simrishamn Beach, Scania, Baltic Sea	Sweden	coastal groundwater						×				
Delamare Deboutteville et al. 1955	-	-	-						×				
Gerlach 1958	-	-	-						×				
Remane and Schlieper 1958	-	-	-						×				
Gerlach 1959	-	-	-						×				
Delamare Deboutteville 1960	-	-	-										×
Paramonov 1962 (*O. lepidus*)	-	-	-		×								
Goodey and 1963 (*O. lepidus*)	-	-	-		×								
Bilio 1966	-	-	-						×				
Bilio 1967	-	-	-						×				
Filipjev 1968	-	-	-			×							
Paramonov 1968 (*O. lepidus*)	-	-	-		×								
Lorenzen 1969	Schleswig-Holsteinischen	Germany	plants in brackish salt marsh						×				
Rachor 1969	same as Rachor 1970										×		
Rachor 1970	Kiel Bay, Baltic Sea	Germany	groundwater, sand and gravel						×				
Remane and Schlieper 1971	-	-	-										×

Gerlach and Riemann 1974	-	-	-				×						
Aminova and Galtsova 1978	Chupa, Kandalaksha Gulf, White Sea	Russia	30–40 m deep						×				
Belogurov and Galtsova 1983	White Sea	Russia	no data	×									
Heip et al. 1983	-	-	-						×				
Platt and Warwick 1983	-	-	-										×
Belogurov and Belogurova 1988	-	-	-			×							
Belogurov and Belogurova 1989	Far East	Russia	no data			×							
Furstenberg and Vincx 1989	-	-	-										×
Voronov and Panchin 1995	Kandalaksha Gulf, White Sea	Russia	near White Sea Biological Station									V	
Platt and Ball 1997	-	-	-						×				
de Smet et al. 2001	-	-	-						×				
Gagarin and Nguyen 2003	-	-	-										×
Smol and Coomans 2006	-	-	-		×								
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus longicaudatus Paramonov, 1929

Nomenclature:

Etymology: adjective, *longus*, -*a*, -*um* (Latin, "long") + *caudatus*, -*a*, -*um* (Latin, "tailed")

Notes: Holotype: unknown

References: see Table 13

Table 13.

References of *Adoncholaimus longicaudatus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Paramonov 1929	Dnieper-Bug estuary; Domakhy, Black Sea	Ukraine	5.3–6.4 m deep	×									
Gerlach and Riemann 1974	-	-	-				×						
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus longispiculatus Gagarin and Nguyen, 2007

Nomenclature:

incorrect subsequent spelling: *Adoncholaimus longicaudatus* in Nguyen and Gagarin (2013a)

Etymology: adjective, *longus*, *-a*, *-um* (Latin, "long") + *spiculatus*, *-a*, *-um* (Latin, "spiculed")

Notes: Holotype: Institute for Biology of Inland Waters, Russian Academy of Sciences, Borok, Russia

Referemces: see Table 14

Table 14.

References of *Adoncholaimus longispiculatus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Gagarin and Nguyen 2007	Mekong River Delta, Kiu Long River, Ham Luong	Vietnam	shore lake sediment among mangrove, 1.2 m deep	×									

Nguyen and Gagarin 2013a	-	-	-										×
Nguyen and Gagarin 2013b (*A. longicaudatus*)	-	-	-										×
Smol et al. 2014	-	-	-		×								
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus oxyuroides (Allgén, 1934) Gerlach and Riemann, 1974

Nomenclature:

Synonym: *Oncholaimus oxyuroides* Allgén, 1934

Etymology: adjective, *Oncholaimus oxyuris* (species name) + *oides* (Latin, "resembling")

Notes: Holotype: unknown

References: see Table 15

Table 15.

References of *Adoncholaimus oxyuroides*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Allgén 1934c (*O. oxyuroides*)	Trelleborg to Ystad, Baltic Sea	Sweden	brackish plant roots	×									
Allgén 1950a (*O. oxyuroides*)	Bondhålet, Baltic Sea	Sweden	brackish plant roots	×									
Wieser 1953	-	-	-										×
Gerlach and Riemann 1974	-	-	-				×						
Shimada and Kajihara 2014	-	-	-			×							

Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus panicus Cobb, 1930

Nomenclature:

Synonym: *Adoncholaimus lepidus* sensu Warwick and Gage (1975) [by Platt and Warwick (1983)]

Etymology: adjective, *panicus*, *-a*, *-um* (Latin, "panicky")?

Notes: Holotype: unknown

References: see Table 16

Table 16.

References of *Adoncholaimus panicus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Cobb 1930	no data (Massachusetts? in Gerlach and Riemann 1974)	-	no data	×									
Chitwood 1951	Woods Hole, Massachusetts, North Atlantic Ocean	United States	no data						×				
Kreis 1934	-	-	-			×							
Dollfus 1946	-	-	-										×
Rachor 1969	same as Rachor 1970										×		
Rachor 1970	Schilksee, Kiel Bay, Baltic Sea	Germany	sand and gravel, 20–50 cm deep from surface	×									
Gerlach and Riemann 1974	-	-	-				×						
Warwick and Gage 1975 (*A. lepidus*)	Loch Etive, Scotland	United Kingdom	0–2 m deep						×				
Belogurov and Belogurova 1977a	-	-	-								×		

Belogurov and Belogurova 1977d	-	-	-								×		
Belogurov and Belogurova 1978a	-	-	-			×							
Belogurov and Belogurova 1978b	-	-	-			×							
Belogurov and Belogurova 1979	-	-	-										×
Chabaud et al. 1983	-	-	-								×		
Heip et al. 1983	-	-	-						×				
Platt and Warwick 1983	same as Warwick and Gage 1975			×									
Belogurov and Belogurova 1988	-	-	-			×							
Belogurov and Belogurova 1989	Far East	Russia	no data			×							
Furstenberg and Vincx 1989	-	-	-			×							
Platt and Ball 1997	-	-	-						×				
de Smet et al. 2001	-	-	-						×				
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus parvus Gagarin and Nguyen, 2003

Nomenclature:

Etymology: adjective, *parvus*, *-a*, *-um* (Latin, "panicky")?

Notes: Holotype: Institute for Biology of Inland Waters, Russian Academy of Sciences, Borok, Russia

References: see Table 17

Table 17.

References of *Adoncholaimus parvus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Gagarin and Nguyen 2003	Nhue River, Hanoi	Vietnam	freshwater, 1.0–2.5 m deep	×									
Gagarin and Nguyen 2008a	Red River Delta, Bat Lat	Vietnam	brackish silt, 1.0–1.5 m deep						×				
Gagarin and Nguyen 2008b	Chu River, Thanh Hoa	Vietnam	brackish silt, 0.5–1.5 m deep										
Gagarin and Nguyen 2008c	same as Gagarin and Nguyen 2008a								×				
Gagarin and Nguyen 2008d	same as Gagarin and Nguyen 2008b								×				
Gagarin and Nguyen 2012a	Tra Ly River, Thai Bình	Vietnam	sand, 0.5 m deep						×				
Gagarin and Nguyen 2012b	same as Gagarin and Nguyen 2012a								×				
Nguyen and Gagarin 2013a	-	-	-										×
Nguyen and Gagarin 2013b	-	-	-										×
Smol et al. 2014	-	-	-		×								
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus pseudofervidus Shimada and Kajihara, 2014

Nomenclature:

Etymology: adjective, *pseudo* (Latin, "fake") + *Adoncholaimus fervidus* (species name)

Notes: Holotype: ICHUM (formerly ZIHU) 4184, Hokkaido University Museum, Sapporo, Japan

References: see Table 18

Table 18.

References of *Adoncholaimus pseudofervidus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Shimada and Kajihara 2014	Mukawa, Hokkaido, North Pacific Ocean	Japan	intertidal sessile bivalves	×									
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus punctatus (Cobb, 1914) Filipjev, 1924

Nomenclature:

Synonym: *Oncholaimus punctatus* Cobb, 1914

Etymology: adjective, *punctatus*, *-a*, *-um* (Latin, "pointed")

Notes: Holotype: unknown

References: see Table 19

Table 19.

References of *Adoncholaimus punctatus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Cobb 1914 (*O. punctatus*)	Cape Breton Island, North Atlantic Ocean	Canada	freshwater ponds	×									
Steiner 1917 (*O. punctatus*)	-	-	-										×
Cobb 1918 (*O. punctatus*)	-	-	-		×								
Micoletzky 1921 (*O. punctatus*)	-	-	-		×								

Filipjev 1924	-	-	-			×							
Menzel 1925	-	-	-										×
Imamura 1931 (*O. punctatus*)	Komaba, Tokyo	Japan	terrestrial soil						×				
Kreis 1934	-	-	-			×							
Chitwood 1951	-	-	-						×				
Goodey 1951 (*O. punctatus*)	-	-	-										×
Wieser 1953	-	-	-			×							
Paramonov 1962	-	-	-										×
Paramonov 1968	-	-	-										×
Rachor 1969	-	-	-										×
Gerlach and Riemann 1974	-	-	-				×						
Tsalolikhin 1982	-	-	-										×
Esser and Buckingham 1987 (*O. punctatus*)	-	-	-						×				
Smol and Coomans 2006	-	-	-		×								
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus quadriporus Belogurova and Belogurov, 1974

Nomenclature:

Etymology: appositive noun, *quadri* (Latin, "four") + *porus* (Latin, "pore")

Notes: Holotype: Institute of Marine Biology of the Far Eastern Branch, USSR Academy of Sciences, Vladivostok, USSR

References: see Table 20

Table 20.

References of *Adoncholaimus quadriporus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Belogurova and Belogurov 1974	Itrup, Kuril Islands, North Pacific Ocean	Russia	intertidal sand among barnacles	×									
Belogurov and Belogurova 1977a	-	-	-								×		
Belogurov and Belogurova 1977d	-	-	-								×		
Belogurov and Belogurova 1978a	-	-	-			×							
Belogurov and Belogurova 1978b	-	-	-			×							
Belogurov and Belogurova 1979	-	-	-										×
Belogurova and Belogurov 1979	Kuril Islands, North Pacific Ocean	Russia	subtidal to intertidal, mud, sand, barnacles, polychaetes, and rhizoids of algae						×				
Belogurov and Belogurova 1988	-	-	-			×							
Belogurov and Belogurova 1989	Far East	Russia	no data			×							
Shoshin 2013	-	-	-						×				
Smol et al. 2014	-	-	-		×								
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus squalus (Wieser, 1953) Shimada and Kajihara, 2014

Nomenclature:

Synonym: *Metoncholaimoides squalus* Wieser, 1953

incorrect subsequent spelling: *Metoncholaimus squalus* in Lorenzen (1976)

Etymology: appositive noun, *squalus* (Latin, a kind of shark)?

Notes: Holotype: unknown

References: see Table 21

Table 21.

References of *Adoncholaimus squalus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Wieser 1953 (*M. squalus*)	Punta Santa María; Canal FitzRoy, Strait of Magellan	Chile	intertidal sheltered algae and stones with rich sediment	×									
Mawson 1958 (*M. squalus*)	Kerguelen Islands, Indian Ocean; Macquarie Island, South Pacific Ocean	French Southern and Antarctic Lands	intertidal mussel bank	×									
Wieser 1958 (*M. squalus*)	-	-	-						×				
Wieser 1959 (*M. squalus*)	same as Wieser 1953								×				
Hope and Murphy 1972 (*M. squalus*)	-	-	-				×						
Gerlach and Riemann 1974 (*M. squalus*)	-	-	-				×						
Galtsova 1976 (*M. squalus*)	-	-	-										×
Lorenzen 1976 (*M. squalus*)	-	-	-										×
Belogurov and Belogurova 1978a (*M. squalus*)	-	-	-			×							

Belogurov and Belogurova 1978b (*M. squalus*)	-	-	-			×							
Galtsova 1985 (*M. squalus*)	-	-	-										×
Belogurov and Belogurova 1989 (*M. squalus*)	Far East	Russia	no data			×							
Greenslade 1989 (*M. squalus*)	-	-	-						×				
Pastor de Ward 1993 (*M. squalus*)	Deseado estuary, Santa Cruz, South Atlantic Ocean	Argentina	intertidal algae	×									
Pastor de Ward 1998 (*M. squalus*)	Deseado estuary, Santa Cruz, South Atlantic Ocean	Argentina	algae						×				
Smol and Coomans 2006 (*M. squalus*)	-	-	-		×								
Ingels et al. 2014 (*M. squalus*)	-	-	-						×				
Smol et al. 2014 (*M. squalus*)	-	-	-		×								
Shimada and Kajihara 2014	-	-	-			×							
Mordukhovich et al. 2015	-	-	-			×							

Adoncholaimus thalassophygas (de Man, 1876) Filipjev, 1918

Nomenclature:

Synonym: *Oncholaimus thalassophygas* de Man, 1876

Synonym: *Adoncholaimus thalassophygas tvaerminneanus* Schneider, 1926 = *Oncholaimus lepidus* sensu Schneider 1906 [by Filipjev (1929b)]

Etymology: appositive noun, *θάλασσα* (Greek, "sea") + *Φυγάς* (Greek, "fugitive")

Notes: Holotype: unknown

References: see Table 22

Table 22.

References of *Adoncholaimus thalassophygas*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; S, physiology; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
de Man 1876b (*O. thalassophygas*)	Walcheren, Middelburg, North Sea	The Netherlands	brackish soil among plant roots	×									
de Man 1876a (*O. thalassophygas*)	-	-	-										×
de Man 1881 (*O. thalassophygas*)	Walcheren, Middelburg, North Sea	The Netherlands	brackish soil among plant roots	×									
de Man 1884 (*O. thalassophygas*)	same as de Man 1881			×									
de Man 1886 (*O. thalassophygas*)	-	-	-		×								
de Man 1889b (*O. thalassophygas*)	Walcheren, Middelburg, North Sea	The Netherlands	brackish soil among plant roots	×									
von Linstow 1889 (*O. thalassophygas*)	-	-	-										×
von Linstow 1890 (*O. thalassophygas*)	-	-	-										×
Schneider 1906 (*O. lepidus*, *O. thalassophygas*)	Tvärminne, Gulf of Finland, Baltic Sea	Finland	brackish	×									
Ditlevsen 1911 (*O. thalassophygas*)	Hellerup, Øresund	Denmark	salt marsh plant roots						×				
Vanhöffen 1917 (*O. thalassophygas*)	Vistula Lagoon, Baltic Sea	Prussia	brackish						×				
Filipjev 1918	-	-	-			×							
de Man 1919 (*O. thalassophygas*)	same as de Man 1884			×									
Micoletzky 1921 (*O. thalassophygas*)	-	-	-		×								

de Man 1922a (*O. thalassophygas*)	Urk, Zuiderzee, North Sea	The Netherlands	no data	×							
Steiner 1922 (*O. thalassophygas*)	-	-	-								×
Filipjev 1924	-	-	-			×					
Schneider 1925a (*O. thalassophygas*)	Oldesloe, Holstein	Germany	saltwater spring					×			
Schneider 1925b (*O. thalassophygas*)	-	-	-					×			
Riech 1926 (*O. thalassophygas*)	-	-	-								×
Schneider 1926 (*A. t. tvaerminneanus*)	Tvärminne, Finland Bay, Baltic Sea	Finland	brackish	×							
Allgén 1927 (*O. thalassophygas*)	Barsebäck; Pilhaken, Øresund	Sweden	mud and green algae; 8–20 m deep	×							
Ditlevsen 1927 (*O. thalassophygas*)	-	-	-								×
Riech 1927 (*O. thalassophygas*)	-	-	-								×
Schneider 1927a (*A. t. tvaerminneanus*)	same as Schneider 1926							×			
Schneider 1927b (*A. t. tvaerminneanus*)	same as Schneider 1926			×							
de Man 1928	Caen, Ouistreham, English Channel	France	brackish	×							
Allgén 1929a	same as Allgén 1929b							×			
Allgén 1929b (*O. thalassophygas*)	Hälsingborg, Øresund	Sweden	mud, plant roots, and algae	×							
Allgén 1929c (*O. thalassophygas*)	-	-	-								×
Filipjev 1929a	Grande Izhora, Gulf of Finland, Baltic Sea	Russia	brackish	×							
Filipjev 1929b	-	-	-					×			
de Coninck 1930	Assels, Drongen; Zwyn, Knokke	Belgium	soil					×			

Schuurmans Stekhoven 1930	-	-	-					×		
Allgén 1931	-	-	-					×		
de Coninck 1931	-	-	-					×		
Schuurmans Stekhoven 1931	Huiden, Zuiderzee, North Sea	The Netherlands	marine and brackish					×		
Schulz 1932	Kiel Bay, Baltic Sea	Germany	brackish sand					×		
Allgén 1933	Trondheims Fjord, Norwegian Sea	Norway	coastal					×		
de Coninck and Schuurmans Stekhoven 1933	Øresund	Belgium	brackish					×		
Schuurmans Stekhoven 1933	-	-	-					×		
Sick 1933 (*O. thalassophygas*)	Steiner Bay, Kiel Bay, Baltic Sea	Germany	brackish detritus and algae					×		
von Wülker and Schuurmans Stekhoven 1933 (*A. t. tvaerminneanus*)	-	-	-							×
Allgén 1934a	Skälderviken,Skåne, Kattegat	Sweden	brackish algae					×		
Allgén 1934b	Hallands Väderö; Torekow, Skåne, Kattegat	Sweden	among plants, 0.5 m deep; shallow water seaweeds					×		
Allgén 1934c	Trelleborg to Ystad, Baltic Sea	Sweden	brackish plant roots					×		
Kreis 1934	-	-	-			×				
Remane 1934	-	-	-					×		
Schuurmans Stekhoven 1934	Lemster or Urk, Zuiderzee, North Sea	The Netherlands	brackish					×		
Allgén 1935a	Øresund	Sweden	cray, sand, stones, shells, sessile bivalves, plants and algae, 2–30 m deep					×		

Allgén 1935b	Föhr Island, North Sea	Germany	no data					×				
Schuurmans Stekhoven 1935a	Zuiderzee, North Sea	The Netherlands	no data					×				
Schuurmans Stekhoven 1935b	Zeebrugge, North Sea	Belgium	no data	×								
Schuurmans Stekhoven et al. 1935	Zuiderzee, North Sea	The Netherlands	no data					×				
Otto 1936	Kiel Bay, Baltic Sea	Germany	no data					×				
Schulz 1936	Amrum, North Sea	Germany	sand					×				
Schuurmans Stekhoven 1936a	-	-	-					×				
Schuurmans Stekhoven 1936b	-	-	-					×				
Schulz 1938	Amrum, North Sea	Germany	sand					×				
Meuche 1939	Lake Sehlendorfer; Lake Waterneverstorfer	Germany	brackish					×				
Schneider 1939	-	-	-					×				
Bresslau and Schuurmans Stekhoven 1940	Heligoland, North Sea	Germany	archiannelids and algae	×								
de Vos and Redeke 1941	-	-	-					×				
Filipjev and Schuurmans Stekhoven 1941	-	-	-									×
Schuurmans Stekhoven 1942a	Øresund	Belgium	no data					×				
Allgén 1947a	-	-	-									×
Allgén 1947b	Hallands Väderö; Torekov, Kattegat	Sweden	algae and seagrass roots					×				
Allgén 1947c	-	-	-									×
Allgén 1949	Balestrand, Norwegian Sea	Norway	brackish					×				

Gerlach 1949	Kiel Bay, Baltic Sea	Germany	sand, 1–100 m deep; otoplana zone					×			
Allgén 1950b	Trondheims Fjord, Norwegian Sea	Norway	algae, seagrasses, and shell sand					×			
Goodey 1951 (*O. thalassophygas*)	-	-	-	×							
Allgén 1953	Kristineberg to Fiskebäckskil, Skagerrak	Sweden	seagrasses					×			
Gerlach 1953a	Gulf of Finland, Baltic Sea	Finland	sand, 1–1.5 m deep; otoplana zone	×							
Gerlach 1953b	North Sea; Baltic Sea; Selker Noor	Germany	sand; brackish sediment					×			
Wieser 1953	-	-	-			×					
Gerlach 1954b	-	-	-					×			
Gerlach 1954c	-	-	-					×			
Meyl 1954	Barnstorf	Germany	salt spring					×			
Schuurmans Stekhoven 1954	-	-	-					×			
Allgén 1955	-	-	-					×			
Meyl 1955	Barnstorf; Sülldorf	Germany	salt spring	×							
Paetzold 1955	-	-	-					×			
Schütz and Kinne 1955	Kiel Channel	Germany	brackish					×			
el Maghraby and Perkins 1956	Wave Crest, Whitstable, North Sea	United Kingdom	mud on slipway					×			
Gerlach 1958	Flüggesand; Kieler Fjord, Baltic Sea	Germany	sand, 3–7 m deep					×			
Paetzold 1958	Langen Rieth, Numburg	Germany	salt spring					×			
Remane and Schlieper 1958	-	-	-					×			

Allgén 1959	Cumberland, South Atlantic Ocean	South Georgia Islands	subtidal sediment with stones and algae						×				
Capstick 1959	Blyth estuary, North Sea	United Kingdom	sediment						×				
Gerlach 1959	-	-	-						×				
Coles 1960	Skippers Island, Thorpe le Soken, Essex, North Sea	United Kingdom	brackish soil; marine mud						×				
Loof and Oostenbrink 1961	-	-	-						×				
Schütz 1963 (*A. thalassophygas*)	-	-	-						×				
de Coninck 1965	-	-	-						×				
Bilio 1966	-	-	-						×				
Coles 1966	Skippers Island, Thorpe-le-Soken, Essex, North Sea	United Kingdom	mud						×				
Riemann 1966	Brunsbüttel, Elbe estuary, North Sea	Germany	no data						×				
Schütz 1966 (*A. thalassophygas*)	-	-	-						×				
Andrássy 1967	-	-	-						×				
Bilio 1967	-	-	-						×				
von Thun 1967	-	-	-										×
Filipjev 1968	-	-	-				×						
Lorenzen 1969	Meldorf, North Sea	Germany	no data						×				
Rachor 1969	same as Rachor 1970										×		
Gysels 1970	-	-	-						×				
Rachor 1970	Weser River, Bremerhaven, North Sea	Germany	bank						×				
Gerlach 1971	-	-	-							×			
Gerlach and Schrage 1971	-	-	-										×

Remane and Schlieper 1971	-	-	-					×				
Skoolmun and Gerlach 1971	Weser estuary, North Sea	Germany	brackish sand					×				
Warwick 1971	Exe estuary, English Channel	United Kingdom	mud					×				
Gysels 1972b	Groot Cat, Waasland, Overslag	Belgium	creak					×				
Gysels 1972a	same as Gysels 1972b							×				
Ernst and Goerke 1974	-	-	-								S	
Gerlach and Riemann 1974	-	-	-				×					
Goerke and Ernst 1975	North Sea	Germany	deep sea sediment								S	
Warwick and Gage 1975	Loch Etive, Scotland	United Kingdom	0–2 m deep					×				
Wildish 1976	-	-	-								S	
Gerlach 1977	Nivå, Øresund	Denmark	no data					×				
Kinne 1977	-	-	-						×			
Andrássy 1978	-	-	-					×				
Lopez et al. 1979	Weser estuary, Bremerhaven, North Sea	Germany	intertidal diatom film, brackish						×			
Zaika and Makarova 1979	-	-	-						×			
Karl 1980	-	-	-								S	
Tsalolikhin 1980 (*A. talassophygas*)	Koporye, Gulf of Finland, Baltic Sea	Russia	no data					×				
Bouwman 1981	-	-	-					×				
Lorenzen 1981a	-	-	-			×						
Lorenzen 1981b	Tvärminne, Gulf of Finland, Baltic Sea	Finland	brackish sand							×		
Field et al. 1982	Exe estuary, English Channel	United Kingdom	mud, sand					×				
Tsalolikhin 1982	-	-	-									×

van Meel 1982	-	-	-					×				
Bouwman 1983	Ems estuary, North Sea	The Netherlands	sediment					×				
Heip et al. 1983	-	-	-					×				
Platt and Warwick 1983	-	-	-	×								
Romeyn and Bouwman 1983	Ems estuary, North Sea	The Netherlands	no data						×			
Schiemer et al. 1983	Gulf of Bothnia, Baltic Sea	Finland	sand, 5 m deep; mud, 81 m deep					×				
Bouwman et al. 1984	Nieuwe Statenzijl, Ems estuary, North Sea	The Netherlands	mud					×				
Jensen 1984	Gulf of Finland, Baltic Sea	Finland	subtidal					×				
Eskin and Palmer 1985 (*A.* cf. *thalassophygas*)	North Inlet estuary, South Carolina, North Pacific Ocean	United States	mud without vegetation					×				
Heip et al. 1985	-	-	-					×				
Nuss 1985	-	-	-						×			
Vranken et al. 1985	-	-	-									×
Coomans and Heyns 1986	-	-	-									×
Little 1986	Swanpool, Falmouth, English Channel	United Kingdom	brackish lagoon					×				
Vranken and Heip 1986a	-	-	-									×
Vranken and Heip 1986b	-	-	-									×
Jensen 1987	-	-	-						×			
Moore 1987	Firth of Forth, Scotland, North Sea	United Kingdom	brackish					×				
Lopez 1988	-	-	-									×
Prein 1988	-	-	-									×
Riemann and Schrage 1988	Weser estuary, Bremerhaven, North Sea	Germany	intertidal mud						×			

Coomans 1989	-	-	-					×			
Furstenberg and Vincx 1989	-	-	-								×
Riemann et al. 1990	Bremerhaven, North Sea	Germany	intertidal mud, brackish						×		
Trett and Feil 1990	-	-	-					×			
Bongers et al. 1991	-	-	-								×
Hellwig-Armonies et al. 1991	-	-	-								×
Clarke 1993	same as Warwick 1971							×			
Warwick 1993	-	-	-								×
Essink and Romeyn 1994	Dollard, Westerwoldse Aa River, North Sea	The Netherlands	intertidal sand and mud					×			
Lorenzen 1994	-	-	-			×					
Kennedy 1995	Exe estuary, English Channel	United Kingdom	mud					×			
Soetaert et al. 1995	Gironde, Bay of Biscay	France	subtidal sediment					×			
Somerfield et al. 1995	-	-	-								×
Vopel and Arit 1995	Hiddensee Island, Baltic Sea	Germany	floating cyanobacterial mats, brackish					×			
Blome 1996	Ems estuary; Dollart; Weser estuary, North Sea	Germany	intertidal sand					×			
Blome and Faubel 1996	Brokdorf; Außendeich; Mühlenstraßen; Kaiser-Wuhelm-Koog, North Sea	Germany	sand and mud					×			
Jensen 1996	-	-	-								×
Moens and Vincx 1997	Western Scheldt estuary, North Sea	The Netherlands	subtidal to high tide level, sand and mud					×			
Ólafsson and Elmgren 1997	off Askö, Baltic Sea	Sweden	37 m deep					×			
Platt and Ball 1997	-	-	-					×			

Attrill 1998	-	-	-					×			
Essink and Keidel 1998	Westerwoldse Aa River, North Sea	The Netherlands	intertidal sand and mud					×			
Perry and Aumann 1998	-	-	-								×
Moens et al. 1999b	-	-	-								×
Moens et al. 1999d	-	-	-								×
de Smet et al. 2001	-	-	-					×			
Höss et al. 2001	-	-	-								×
Tchesunov 2001	-	-	-								×
Lee 2002	-	-	-								×
Haitzer et al. 2002	-	-	-								×
Riemann and Helmke 2002	Weser estuary, Bremerhaven, North Sea	Germany	intertidal, brackish						×		
Wetzel et al. 2002	Fährinsel Island, Baltic Sea	Germany	macroalgal mats					×			
Essink 2003	-	-	-								×
Steinberg 2003	-	-	-								×
Höckelmann et al. 2004	-	-	-								×
Robinson 2004	-	-	-								×
Arroyo et al. 2006	Åland Archipelago, Baltic Sea	Finland	subtidal sand					×			
Moens et al. 2006	-	-	-								×
O'Halloran et al. 2006	-	-	-								×
Smol and Coomans 2006	-	-	-		×						
Filip and Claus 2008	-	-	-								×
Arigó et al. 2009	Akrotiri Bay, Mediterranean Sea	Cyprus	sediment					×			
Vandepitte et al. 2010	-	-	-					×			

Ólafsson et al. 2013	Åland Archipelago, Baltic Sea	Finland	fine sediment with algae						×						
Urban-Malinga et al. 2013	Vistula Lagoon, Baltic Sea	Poland and Russia	brackish, 27 m deep						×						
Ingels et al. 2014	-	-	-						×						
Kooijman 2014	-	-	-												×
Shimada and Kajihara 2014	-	-	-				×								
Urban-Malinga et al. 2014	Puck Bay, Baltic Sea	Poland	0.7–0.8 m deep						×						
Boufahja et al. 2015	-	-	-												×
Hannachi et al. 2015 (*O. thalassophygas*)	Wadi Henna	Tunisia	freshwater sediment						×						
Mordukhovich et al. 2015	-	-	-				×								

Adoncholaimus ussuriensis Mordukhovich et al., 2015

Nomenclature:

Etymology: adjective, Ussury (type locality) + *ensis*, *-is*, *-e* (Latin, suffix)

Notes: Holotype: MN UY 14-2 A1, Zoological Museum of Far Eastern Federal University, Vladivostok, Russia

References: see Table 23

Table 23.

References of *Adoncholaimus ussuriensis*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Mordukhovich et al. 2015	Ussury Bay, Peter the Great Bay, Japan Sea	Russia	sand in subtidal seagrass bed	×									

Adoncholaimus angustatus (Cobb, 1891) Filipjev, 1918

Nomenclature:

Invalid: transferred to the genus *Viscosia* by Kreis (1934)

Synonym: *Oncholaimus angustatus* Cobb, 1891

Etymology: adjective, *angustatus*, *-a*, *-um* (Latin, "narrowed")

Notes: Holotype: unknown

References: see Table 24

Table 24.

References of *Adoncholaimus angustatus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy

Reference	Collection			T					E		M	O	C
Cobb 1891	Locality	Country	Habitat	D	G	R	L	N	P	F			
Cobb 1891 (*O. angustatus*)	Indian Ocean	Arabia	sand	×									
Filipjev 1918	-	-	-			×							

Adoncholaimus austrogeorgiae Allgén, 1959

Nomenclature:

Invalid: treated as a *species inquirenda* by Shimada and Kajihara (2014)

Etymology: genitive noun, *Austrogeorgia* (Latin, "South Georgia") + *e* (Latin, suffix)

Notes: Holotype: unknown

References: see Table 25

Table 25.

References of *Adoncholaimus austrogeorgiae*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Allgén 1959	Grytviken, South Georgia Island, South Atlantic Ocean	South Georgia and the South Sandwich Islands	kelp rhizoids	×									
Gerlach and Riemann 1974	-	-	-				×						
Ingels et al. 2014	-	-	-						×				
Shimada and Kajihara 2014	-	-	-						×				

Adoncholaimus bandaensis Kreis, 1932

Nomenclature:

Invalid: transferred to the genus *Meyersia* by Hopper (1967); see *Meyersia bandaensis*

Adoncholaimus chilkensis (Stewart, 1914) Kreis, 1934

Nomenclature:

Invalid: treated as a *species inquirenda* by Shimada and Kajihara (2014)

Synonym: *Oncholaimus chilkensis* Stewart, 1914

Etymology: adjective, Chilka (type locality) + *ensis*, *-is*, *-e* (Latin, suffix)

Notes: Holotype: No. ZEV. 6237/7, Indian Museum, Kolkata, India

References: see Table 26

Table 26.

References of *Adoncholaimus chilkensis*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Stewart 1914b (*O. chilkensis*)	Chilka Lake, Madras, Bay of Bengal	India	filamentous algae	×									
Annandale 1915 (*O. chilkensis*)	Chilka Lake, Madras, Bay of Bengal	India	sponges						×				
Menzel 1925 (*O. chilkensis*)	-	-	-										×
Kreis 1932 (*O. chilkensis*)	-	-	-										×
Allgén 1934c (*O. chilkensis*)	-	-	-										×
Kreis 1934	-	-	-			×							
Baylis 1936 (*O. chilkensis*)	-	-	-	×									
Panikkar and Aiyar 1937 (*O. chilkensis*)	-	-	-						×				
Rachor 1969	-	-	-										×
Gerlach and Riemann 1974	-	-	-				×						
Belogurov et al. 1980 (*O. chilkensis*)	-	-	-										×
Tsalolikhin 1982	-	-	-										×
Shimada and Kajihara 2014	-	-	-			×							

Adoncholaimus chinensis Huang and Zhang, 2009

Nomenclature:

Invalid: synonymized with *Admirandus multicavus* by Mordukhovich et al. (2015); see *Admirandus multicavus*

Etymology: adjective, China (type locality) + *ensis*, -*is*, -*e* (Latin, suffix)

Notes: Holotype: LUH 001 (LUL 08801), Institute of Oceanology, Chinese Academy of Sciences, Qingdao, China

Adoncholaimus falklandiae Allgén, 1959

Nomenclature:

Invalid: treated as a *species inquirenda* by Shimada and Kajihara (2014)

Etymology: genitive noun, Falkland (type locality) + *iae* (Latin, suffix)

Notes: Holotype: unknown

References: see Table 27

Table 27.

References of *Adoncholaimus falklandiae*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Allgén 1959	Port William, East Falkland, South Atlantic Ocean	Falkland Islands	sand and algae, 40 m deep	×									
Gerlach and Riemann 1974	-	-	-				×						
Ingels et al. 2014	-	-	-						×				
Shimada and Kajihara 2014	-	-	-			×							

Adoncholaimus meridionalis Kreis, 1932

Nomenclature:

Invalid: transferred to the genus *Meyersia* by Hopper 1967; see *Meyersia meridionalis*

Adoncholaimus nudus Kreis, 1932

Nomenclature:

Invalid: transferred to the genus *Kreisoncholaimus* by Rachor (1969); see *Kreisoncholaimus nudus*

Adoncholaimus papillatus Kreis, 1932

Nomenclature:

Invalid: transferred to the genus *Admirandus* by Shimada and Kajihara (2014); see *Admirandus papillatus*

Adoncholaimus skawensis (Ditlevsen, 1922) Allgén, 1933

Nomenclature:

Invalid: transferred to the genus *Oncholaimus* again by Allgén (1935b)

Synonym: *Oncholaimus skawensis* Ditlevsen, 1922

Etymology: adjective, Skaw (type locality) + *ensis*, *-is*, *-e* (Latin, suffix)

Notes: Holotype: unknown

References: see Table 28

Table 28.

References of *Adoncholaimus skawensis*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Ditlevsen 1922 (*O. skawensis*)	Skaw, Skagen, Skagerrak or Kattegat	Denmark	algae, hydroids, and stones	×									
Allgén 1933	Munkholmen; Tautra, Trondheim	Norway	8–60 m deep						×				

Adoncholaimus taboguillensis (Allgén, 1947) Wieser, 1953

Nomenclature:

Invalid: treated as a *species inquirenda* by Shimada and Kajihara (2014)

Synonym: *Viscosia taboguillensis* Allgén, 1947

Etymology: adjective, Taboguilla (type locality) + *ensis*, *-is*, *-e* (Latin, suffix)

Notes: Holotype: unknown

References: see Table 29

Table 29.

References of *Adoncholaimus taboguillensis*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Allgén 1947a (*V. taboguillensis*)	Taboguilla Island, Bay of Panama, North Pacific Ocean	Panama	coral	×									
Allgén 1951 (*V. taboguillensis*)	Contadora Island, Bay of Panama, North Pacific Ocean	Panama	sand and stone, 8–10 m deep	×									
Wieser 1953	-	-	-			×							
Gerlach and Riemann 1974	-	-	-				×						
Shimada and Kajihara 2014	-	-	-			×							

Genus *Admirandus* Belogurov and Belogurova, 1979

Nomenclature:

Etymology: masculine noun, *admirandus*, *-a*, *-um* (Latin, "remarkable";"wonderful")?

Type species: *Admirandus multicavus* Belogurov and Belogurova, 1979

Valid three species: *A. multicavus*; *A. belogurovi* Tchesunov *et al.*, 2010; *A. papillatus* (Kreis, 1932) Shimada and Kajihara, 2014

The genus name was published in Belogurov and Belogurova (1977a), Belogurov and Belogurova (1977d), Belogurov and Belogurova (1978a), Belogurov and Belogurova (1978b) prior to original description, but had been unavailable before Belogurov and Belogurova 1979 [Article 13.1 of International Code of Zoological Nomenclature (International Commission on Zoological Nomenclature 1999)]

Notes: Original description: Belogurov and Belogurova (1979)

Revisions and reviews of the genus: Belogurov and Belogurova (1977b), Belogurov and Belogurova (1977a), Belogurov and Belogurova (1978b), Belogurov and

Belogurova (1978a), Belogurov and Belogurova (1988), Belogurov and Belogurova (1989), Tchesunov et al. (2010), Smol et al. (2014), Mordukhovich et al. (2015)

Admirandus multicavus Belogurov and Belogurova, 1979

Nomenclature:

Etymology: appositive noun, *multi* (Latin, "many") + *cavus*, *-a*, *-um* (Latin, "hole")

Notes: Holotype: MN-92, Department of Zoology, Far Eastern State University, Vladivostok, USSR

References: see Table 30

Table 30.

References of *Admirandus multicavus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Belogurov and Belogurova 1978a	-	-	-			×							
Belogurov and Belogurova 1978b	-	-	-			×							
Belogurov and Belogurova 1979	Slavyanka, Japan Sea	Russia	sand and gravel in lagoon	×									
Belogurov and Belogurova 1988	-	-	-			×							
Belogurov and Belogurova 1989	Far East	Russia	no data			×							
Pavlyuk et al. 2007a	Amur Bay, Japan Sea	Russia	intertidal						×				
Pavlyuk et al. 2007b	same as Pavlyuk et al. 2007a								×				
Ivanova et al. 2008	Amur Bay, Japan Sea	Russia	brackish sediment						×				
Pavlyuk and Trebukhova 2008	Amur Bay, Japan Sea	Russia	subtidal sediment						×				
Huang and Zhang 2009 (*A. chinensis*)	Lianyungang to Rizhao, Yellow Sea	China	intertidal muddy sand	×									

Ivanova et al. 2009	Russky Island, Japan Sea	Russia	intertidal					×				
Belogurova 2010	Amur Bay; Kozmino; Russky Island, Japan Sea	Russia	intertidal to subtidal					×				
Tchesunov et al. 2010	-	-	-									×
Shoshin 2013	-	-	-					×				
Smol et al. 2014	-	-	-		×							
Shimada and Kajihara 2014 (*A. chinensis*)	-	-	-			×						
Mordukhovich et al. 2015	-	-	-	×								

Admirandus belogurovi Tchesunov et al., 2010

Nomenclature:

Etymology: genitive noun, O.I. Belogurov (person) + *i* (Latin, suffix)

Notes: Holotype: Department of Nematology, Institute of Ecology and Biological Resources (IEBR), Vietnam Academy of Science and Technology, Hanoi, Vietnam

References: see Table 31

Table 31.

References of *Admirandus belogurovi*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Tchesunov et al. 2010	Be estuary, Nha Trang Bay, South China Sea	Vietnam	intertidal silty sand among mangrove	×									
Mokievsky et al. 2011a	Be estuary, Nha Trang Bay, South China Sea	Vietnam	intertidal silty sand among mangrove						×				
Mokievsky et al. 2011b	same as Mokievsky et al. 2011a								×				
Smol et al. 2014	-	-	-		×								

Mordukhovich et al. 2015	-	-	-			×							

Admirandus papillatus (Kreis, 1932) Shimada and Kajihara, 2014

Nomenclature:

Synonym: *Adoncholaimus papillatus* Kreis, 1932

Etymology: adjective, *papillatus*, *-a*, *-um* (Latin, "having papillae")

Notes: Holotype: unknown

References: see Table 32

Table 32.

References of *Admirandus papillatus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Kreis 1932 (*A. papillatus*)	Batavia, Java Sea; Saparua Island, Banda Sea (in Micoletzky and Kreis 1930)	Indonesia	mud; algae in rocky shore	×									
Kreis 1934 (*A. papillatus*)	same as Kreis 1932			×									
Gerlach and Riemann 1974 (*A. papillatus*)	-	-	-				×						
Furstenberg and Vincx 1989 (*A. papillatus*)	Sundays estuary, Indian Ocean	South Africa	brackish, intertidal	×									
Smol and Coomans 2006 (*A. papillatus*)	-	-	-		×								
Shimada and Kajihara 2014	-	-	-			×							

Genus *Kreisoncholaimus* Rachor, 1969

Nomenclature:

Etymology: masculine noun, H.A. Kreis (person) + genus *Oncholaimus*

Type and only valid species: *Kreisoncholaimus nudus* (Kreis, 1932) Rachor, 1969

Notes: Original description: Rachor (1969)

Revisions and reviews of genus: Gerlach and Riemann (1974), Belogurov and Belogurova (1977a), Belogurov and Belogurova (1977d), Belogurov and Belogurova (1978a), Belogurov and Belogurova (1978b), Belogurov and Belogurova (1988), Belogurov and Belogurova (1989), Keppner and Tarjan (1989), Smol and Coomans (2006), Smol et al. (2014)

Kreisoncholaimus nudus (Kreis, 1932) Rachor, 1969

Nomenclature:

Synonym: *Adoncholaimus nudus* Kreis, 1932

Etymology: adjective, *nudus*, *-a*, *-um* (Latin, "naked")

Notes: Holotype: unknown

References: see Table 33

Table 33.

References of *Kreisoncholaimus nudus*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Kreis 1932 (*A. nudus*)	Saparua Island, Banda Sea (in Micoletzky and Kreis 1930)	Indonesia	algae in rocky shore	×									
Kreis 1934 (*A. nudus*)	same as Kreis 1932			×									
Rachor 1969	-	-	-			×							
Rachor 1970	-	-	-			×							
Hope and Murphy 1972	-	-	-				×						
Gerlach and Riemann 1974	-	-	-				×						
Belogurov and Belogurova 1978a	-	-	-			×							
Belogurov and Belogurova 1978b	-	-	-			×							

Chabaud et al. 1983	-	-	-							×		
Belogurov and Belogurova 1988	-	-	-			×						
Smol and Coomans 2006	-	-	-		×							
Smol et al. 2014	-	-	-		×							

Genus *Meyersia* Hopper, 1967

Nomenclature:

Etymology: feminine noun, S.P. Meyers (person) + *ia* (Latin, prefix)

Type species: *Meyersia major* Hopper, 1967

Valid five species: *M. major*; *M. bandaensis* (Kreis, 1932) Hopper, 1967; *M. japonica* Yoshimura, 1982; *M. meridionalis* (Kreis, 1932) Hopper, 1967; *M. minor* Hopper, 1967

Notes: Original description: Hopper (1967)

Revisions and reviews of genus: Rachor (1969), Gerlach and Riemann (1974), Belogurov and Belogurova (1977b), Belogurov and Belogurova (1977d), Belogurov and Belogurova (1977c), Belogurov and Belogurova (1977a), Belogurov and Belogurova (1978b), Belogurov and Belogurova (1978a), Platt and Warwick (1983), Belogurov and Belogurova (1988), Belogurov and Belogurova (1989), Keppner and Tarjan (1989), Smol and Coomans (2006), Smol et al. (2014)

Collection records of unidentified species (*Meyersia* sp.): see Table 34

Table 34.

References of unidentified species in *Meyersia*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Gourbault et al. 1995	Moorea Island, South Pacific Ocean	French Polynesia	intertidal coral sand						×				
Villano and Warwick 1995	Palude della Rose, Adriatic Sea, Mediterranean Sea	Italy	sediment						×				
Warwick and Villano 2000	same as Villano and Warwick 1995								×				

Mirto et al. 2003	Gaeta Gulf, Tyrrhenian Sea, Mediterranean Sea	Italy	fish-farm cage					×			
Ullberg and Ólafsson 2003b	Sandviken, Askö, Baltic Sea	Sweden	sand					×			
Haseman 2006	Hausgarten, off Svalbard, Fram Strait	off Norway	deep sea sand with marl and silt					×			
Pavlyuk and Trebukhova 2006	Nha Trang Bay, South China Sea	Vietnam	sediment					×			
Liu et al. 2008	Victoria Harbour, Hong Kong, South China Sea	China	5–23 m deep					×			
Sougawa et al. 2008	Manazuru Port, Sagami Bay, North Pacific Ocean	Japan	5–6 m deep					×			
Bik et al. 2010a (*Meyersia* sp. or *Metaparoncholaimus* sp.)	off Crozet Islands, Indian Ocean	French Southern and Antarctic Lands	deep sea sediment				×				
Bik et al. 2010b (*Meyersia* sp. or *Metaparoncholaimus* sp.)	same as Bik et al. 2010a						×				
Ingole and Singh 2010	off Larsemann Hills, Prydz Bay, Indian Ocean	Antarctica	525–722 m deep					×			
Nanajkar et al. 2010	Zuari estusry, Goa, Arabian Sea	India	clayey sediment, 9 m deep					×			
Venekey et al. 2010	no data	Brazil	no data					×			
Portnova et al. 2011	Håkon Mosby Mud Volcano, Norwegian Sea	off Norway	1307 m deep					×			
Miljutin et al. 2011	French mining claim, Clarion-Clipperton Fracture Zone, North Pacific Ocean	between Mexico and Hawaii	about 5000 m deep					×			
Liao et al. 2015	Shihlang, Ludao (Green Island), North Pacific Ocean	Taiwan	intertidal sand					×			

Meyersia major Hopper, 1967

Nomenclature:

Etymology: adjective, *major*, *-or*, *-us* (Latin, "larger")

Notes: Holotype: Collection No. 5120, Type slide No. 153, Canadian National Collection of Nematodes, Entomology Research Institute, Ottawa, Canada

References: see Table 35

Table 35.

References of *Meyersia major*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Hopper 1967	Soldier Key; Pigeon Key, Florida, North Atlantic Ocean	United States	sediment and algae	×									
Hope and Murphy 1972	-	-	-				×						
Gerlach and Riemann 1974	-	-	-				×						
Belogurov and Belogurova 1978a	-	-	-			×							
Belogurov and Belogurova 1978b	-	-	-			×							
Belogurov and Belogurova 1988	-	-	-			×							
Smol and Coomans 2006	-	-	-		×								
Hope 2009	-	-	-						×				
Smol et al. 2014	-	-	-		×								

Meyersia bandaensis (Kreis, 1932) Hopper, 1967

Nomenclature:

Synonym: *Adoncholaimus bandaensis* Kreis, 1932

Etymology: adjective, Banda (type locality) + *ensis*, *-is*, *-e* (Latin, suffix)

Notes: Holotype: unknown

References: see Table 36

Table 36.

References of *Meyersia bandaensis*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Kreis 1932 (*A. bandaensis*)	Lontor Island, Banda Sea (in Micoletzky and Kreis 1930)	Indonesia	sand and seagrasses	×									
Kreis 1934 (*A. bandaensis*)	same as Kreis 1932			×									
de Coninck 1965 (*A. bandaensis*)	-	-	-										×
Hopper 1967	-	-	-			×							
Rachor 1969	-	-	-								×		
Gerlach and Riemann 1974	-	-	-				×						
Belogurov and Belogurova 1978a	-	-	-			×							
Belogurov and Belogurova 1978b	-	-	-			×							
Gourbault and Renaud-Mornant 1990	Fangataufa, Tuamotu Archipelago, South Pacific Ocean	French Polynesia	lagoon sediment						×				

Meyersia japonica Yoshimura, 1982

Nomenclature:

Etymology: adjective, *japonicus*, *-a*, *-um* (Latin, "Japanese")

Notes: Holotype: 790811B-V-4, Seto Marine Biological Laboratory, Wakayama, Japan

References: see Table 37

Table 37.

References of *Meyersia japonica*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Yoshimura 1982	Hatake-jima Island, Tanabe Bay, Wakayama, North Pacific Ocean	Japan	intertidal sand	×									
Itani and Shirayama 2001	Tanabe Bay, Wakayama, North Pacific Ocean	Japan	subtidal sand						×				

Meyersia meridionalis (Kreis, 1932) Hopper, 1967

Nomenclature:

Synonym: *Adoncholaimus meridionalis* Kreis, 1932

Etymology: adjective, *meridionalis*, *-is*, *-e* (Latin, "southern")

Notes: Holotype: unknown

References: see Table 38

Table 38.

References of *Meyersia meridionalis*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Kreis 1932 (*A. meridionalis*)	Saparua Island, Banda Sea (in Micoletzky and Kreis 1930)	Indonesia	calcareous algae and lava	×									
Kreis 1934 (*A. meridionalis*)	same as Kreis 1932			×									
Schuurmans Stekhoven 1936b (*A. meridionalis*)	-	-	-								×		

Chitwood and Chitwood 1950 (*A. meridionalis*)	-	-	-							×		
de Coninck 1965 (*A. meridionalis*)	-	-	-									×
Hopper 1967	-	-	-			×						
Rachor 1969	-	-	-							×		
Gerlach and Riemann 1974	-	-	-				×					
Belogurov and Belogurova 1978a	-	-	-			×						
Belogurov and Belogurova 1978b	-	-	-			×						

Meyersia minor Hopper, 1967

Nomenclature:

Etymology: adjective, *minor*, *-or*, *-us* (Latin, "larger")

Notes: Holotype: Collection No. 5122, Type slide No. 154, Canadian National Collection of Nematodes, Entomology Research Institute, Ottawa, Canada

References: see Table 39

Table 39.

References of *Meyersia minor*. Abbreviations: C, citation; D, description; E, ecology; F, feeding and culture; G, genus diagnosis; L, species list of genus; M, morphology; N, DNA taxonomy; O, other experiment; P, population and fauna; R, taxonomic revision; T, taxonomy.

Reference	Collection			T					E		M	O	C
	Locality	Country	Habitat	D	G	R	L	N	P	F			
Hopper 1967	Key Biscayne; Virginia Key, Florida, North Atlantic Ocean	United States	sandy sediment	×									
Hopper and Meyers 1967	Key Biscayne, Florida, North Atlantic Ocean	United States	subtidal sediment						×				
Gerlach and Riemann 1974	-	-	-				×						
Rachor 1969	same as Hopper 1967										×		
Rachor 1970	same as Hopper 1967												×

Maertens and Coomans 1979	-	-	-										×
Chabaud et al. 1983	-	-	-								×		

Genus *Metoncholaimoides* Wieser, 1953

Nomenclature:

Invalid: transferred to the genus *Adoncholaimus* by Shimada and Kajihara (2014); see *Adoncholaimus*

Etymology: *genus Metoncholaimus* + *oides* (Latin, "resembling")

Type species: *Metoncholaimoides squalus* Wieser, 1953

Metoncholaimoides squalus Wieser, 1953

Nomenclature:

Invalid: transferred to the genus *Adoncholaimus* by Shimada and Kajihara (2014); see *Adoncholaimus squalus*

Metoncholaimoides filicauda Galtsova, 1976

Nomenclature:

Invalid: transferred to the genus *Adoncholaimus* by Shimada and Kajihara (2014); see *Adoncholaimus filicauda*

References

- Aarnio K (2000) Experimental evidence of predation by juvenile flounder, *Platichthys flesus*, on a shallow water meiobenthic community. Journal of Experimental Marine Biology and Ecology. 246: 125-138. DOI: 10.1016/s0022-0981(99)00175-6
- Afanasiev-Grigoriev AG, Zograf JK, Yushin VV (2006) The nuclear envelope in the spermatozoa of *Leptosomatides marinae* (Enoplida, Leptosomatidae). Russian Journal of Nematology 14: 185-191.
- Alekseyev VM, Dizendorf ZA (1981) Redescription of a rare species *Adoncholaimus islandicus* (Nematoda, Oncholaimidae) from south Sakhalin. Zoologicheskii Zhurnal 60: 301-304. [In Russian].
- Alkemade R, Wielemaker A, Hemminga MA (1993) Correlation between nematode abundance and decomposition rate of *Spartina anglica* leaves. Marine Ecology Progress Series 99: 293-300. DOI: 10.3354/meps099293
- Allgén CA (1921) Über die Natur und die Bedeutung der Fasersysteme im Oesophagus einiger Nematoden. Zoologischer Anzeiger 53: 76-84.
- Allgén CA (1925) Beiträge zur Kenntnis der freilebenden Nematoden Schwedens. Arkiv för Zoologi. A. 18 (5): 1-40.

- Allgén CA (1927) Über einige freilebende marine Nematoden von der schwedischen Küste des Oeresund. Zoologischer Anzeiger 73: 49-58.
- Allgén CA (1929a) Freilebende marine Nematoden aus den Umgebungen der Staatlichen Zoologischen Station Kristineberg an der Westkueste Schwedens. Capita Zoologica 2 (8): 1-52.
- Allgén CA (1929b) Südschwedische marine Nematoden. Göteborgs kungliga vetenskaps- och vitterhets-samhälles Handlingar. Femte Följden. Ser B. 1 (2): 1-40.
- Allgén CA (1929c) Über einige freilebende Moosnematoden. Nyt magazin for naturvidenskaberne 67: 211-230.
- Allgén CA (1931) Freilebende Nematoden aus dem Dröbakabschnitt des Oslofjords. Zoologische Jahrbücher. Abteilung für Systematik, Ökologie und Geographie der Tiere 61: 211-262.
- Allgén CA (1933) Freilebende Nematoden aus dem Trondhjemsfjord. Capita Zoologica 4 (2): 1-162.
- Allgén CA (1934a) Ueber einige freilebende Nematoden von der Südküste Schwedens. Folia Zoologica et Hydrobiologica 5: 290-305.
- Allgén CA (1934b) Freilebende marine Nematoden aus Hallands Väderö und der nahegelegenen Küste Schonens (Südschweden). Ein Beitrag zur Kenntnis der Nematodenfauna des südlichen Kattegatts. Folia Zoologica et Hydrobiologica 6: 49-86.
- Allgén CA (1934c) Ueber einige freilebende Nematoden aus Skelderviken und ihre nordische Verbreitung. Folia Zoologica et Hydrobiologica 7: 122-130.
- Allgén CA (1935a) Ueber einige freilebende marine Nematoden aus den Sammlungen des Hamburger Zoologischen Museum. Folia Zoologica et Hydrobiolodica 8: 25-33.
- Allgén CA (1935b) Die freilebenden Nematoden des Öresunds. Capita Zoologica 6 (3): 1-192.
- Allgén CA (1942) Die freilebenden Nematoden des Mittelmeeres. Zoologische Jahrbücher. Abteilung für Systematik, Ökologie und Geographie der Tiere 76: 1-102.
- Allgén CA (1947a) Zur Kenntnis norwegischer Nematoden. X. Neue freilebende marine Nematoden von der Insel Storfosen. Det Kongelige Norske Videnskabers Selskabs. Forhandlinger 19: 52-55.
- Allgén CA (1947b) Weitere Beiträge zur Kenntnis der Nematoden-Fauna des südlichen Kattegatts. Göteborgs kungliga vetenskaps- och vitterhets-samhälles Handlingar. Femte Följden. Ser B. 5 (12): 1-37.
- Allgén CA (1947c) Papers from Dr. Th. Mortensen's Pacific Expedition 1914–16. LXXV. West American marine nematodes. Videnskabelige Meddelelser fra dansk Naturhistorisk Forening i Kjøbenhavn 110: 65-219.
- Allgén CA (1949) Zur Kenntnis norwegischer Nematoden. XV. Ueber einige freilebende litorale Nematoden aus dem Sognefjord. Det Kongelige Norske Videnskabers Selskabs. Forhandlinger 21: 60-63.
- Allgén CA (1950a) Westschwedische marine litorale und terrestrische Nematoden. Arkiv för Zoologi. Ser. 2. 1: 301-344.
- Allgén CA (1950b) Zur Kenntnis norwegischer Nematoden. XXI. Über einige freilebende marine Nematoden aus der Strandzone von Steinkjer. Det Kongelige Norske Videnskabers Selskabs. Forhandlinger 22: 62-65.
- Allgén CA (1951) Papers from Dr. Th. Mortensen's Pacific Expedition 1914–16. LXXVI. Pacific freeliving marine nematodes. Videnskabelige Meddelelser fra dansk Naturhistorisk Forening i Kjøbenhavn 113: 263-411.

- Allgén CA (1953) Revision der freilebenden marine Nematoden aus der Umgebung der Staatlichen Zoologischen Station Kristineberg an der Westküste Schwedens. Zoologische Jahrbücher. Abteilung für Systematik, Geographie und Biologie der Tiere 81: 548-603.
- Allgén CA (1955) Zur Biologie und Ökologie freilebender mariner Nematoden. Zoologische Jahrbücher. Abteilung für Systematik, Ökologie und Geographie der Tiere 83: 485-502.
- Allgén CA (1957) On a small collection of freeliving marine nematodes from Greenland and some other arctic regions with reviews and analyses of the compositions of all hitherto known arctic nematode faunas. Meddelelser om Grønland 159 (3): 1-42.
- Allgén CA (1959) Freeliving Marine Nematodes. Further Zoological Results of the Swedish Antarctic Expedition 1901–1903. Vol. 5. No. 2. Kungl. Boktryckeriet P. A. Norstedt & Söner, Stockholm, 293 pp.
- Alongi DM (1990) Community dynamics of free-living nematodes in some tropical mangrove and sandflat habitats. Bulletin of Marine Science 46: 358-373.
- Aminova DG, Galtsova VV (1978) Species composition and seasonal distribution of free living nematodes in the Chupa Inlet of the White Sea. Zoologicheskii Zhurnal 57: 1311-1318. [In Russian].
- Andrássy I (1967) Nematoda. In: Illies J (Ed.) Limnofauna Europaea. G. Fischer, Stuttgart and Swets & Zeitlinger, Amsterdam, 73-88 pp.
- Andrássy I (1978) Nematoda. In: Illies J (Ed.) Limnofauna Europaea. Eine Zusammenstellung aller die europäischen Binnengewässer bewohnenden mehrzelligen Tierarten mit Angaben über ihre Verbreitung und Ökologie. Zweite Auflage. Fischer, Stuttgart & New York, 98-117 pp.
- Annandale N (1915) Fauna of the Chilka Lake. Sponges. Memoirs of the Indian Museum 5: 23-54.
- Arigó C, Gambi C, Danovaro R, Mirto S (2009) Nematode community response to fish farm impact in Mediterranean Sea. Biologia Marina Mediterranea 16: 224-225.
- Arroyo NL, Aarnio K, Bonsdorff E (2006) Drifting algae as a means of re-colonizing defaunated sediments in the Baltic Sea. A short-term microcosm study. Hydrobiologia 554: 83-95. DOI: 10.1007/s10750-005-1008-5
- Aryuthaka C (1985) Ecological studies on sediment meiofauna in a seagrass (*Zostera marina*) bed, with special reference to nematodes. Benthos Research 28: 42-62. DOI: 10.5179/benthos1981.1985.42
- Attrill MJ (1998) Thames estuary species list. In: Attrill MJ (Ed.) A Rehabilitated Estuarine Ecosystem. The Environment and Ecology of the Thames Estuary. Springer, New York, 200-234 pp.
- Bastian HC (1865) Monograph on the Anguillulidae, or free nematoids, marine, land, and freshwater; with descriptions of 100 new species. Transactions of the Linnean Society of London 25: 73-184. DOI: 10.1111/j.1096-3642.1865.tb00179.x
- Baylis HA (1936) The Fauna of British India, Including Ceylon and Burma. Nematoda. Volume 1. Ascaroidea and Strongyloidea . Taylor & Francis, London, 408 pp.
- Belogurova LS (1978) Free-living marine nematodes fam. Oncholaimidae (Nematoda, Enoplida), from the intertidal zone of the Itupur Island. In: Kusakin OG (Ed.) Zhivotnyi i rastitel'nyi mir shel'fovykh zon Kuril'skikh Ostrovov. [Fauna and Vegetation of the Shelf of the Kuril Islands]. Academy of Science of the USSR, Moscow, 127-138 pp. [In Russian].

- Belogurova LS (2010) [Free-living marine nematodes in the Peter the Great Gulf (Sea of Japan)]. In: Krulov AV, Rivier IK, Shcherbina GH (Eds) Ekologiya Vodnykh Bespozvonochnykh. [Ecology of Aquatic Invertebrates]. Printhouse, Jaroslavl, 38-40 pp. [In Russian].
- Belogurova LS (2013) [Deep-sea meiobenthos in the Peter the great Bay area and analysis of communities free of nematodes]. In: Pridannikov MV, Udalova ZV, Butorina NN (Eds) Materialy 10 Mezhdunarodnogo Nematologicheskogo Simpoziuma. [Proceedings of the 10th International Nematology Symposium]. All Russian Research Institute of Biological Plant Protection, Krasnodar, 11-13 pp. [In Russian].
- Belogurova LS, Belogurov OI (1974) On some marine nematodes of the family Oncholaimidae (Nematoda, Enoplida) from the intertidal zone of the Kurile Islands. In: Zhirtunskii AV (Ed.) Rastitel'nyi i zhivotnyi mir litorali Kuril'skikh Ostrovov. [Flora and Fauna of the Intertidal Zone of the Kurile Islands]. Far Eastern Science Center, Novosibirsk, 97-110 pp. [In Russian].
- Belogurova LS, Belogurov OI (1979) [Fauna of Oncholaimid (Nematoda: Oncholaiminae) of the Far Eastern seas]. In: Kusakin OG (Ed.) Issledovanija pelagicheskich i donnych organizmov dal′nevostochnych morej. [Investigation of Pelagic and Bottom Organisms from Far Eastern Seas]. Far East Science Center, Vladivostok, 58-61 pp. [In Russian].
- Belogurov OI (1985) On the origin and steps of evolution of the stoma in nematodes and analysis of the stoma organization in the suborder Oncholaimina . Zoologicheskii Zhurnal 64: 982-992. [In Russian].
- Belogurov OI, Belogurova LS (1977a) Systematics and evolution of Oncholaiminae (Nematoda: Oncholaiminae). I. Structure, evolution and taxonomic significance of the demanian system. Soviet Journal of Marine Biology 3: 191-199.
- Belogurov OI, Belogurova LS (1977b) Systematics and evolution of Oncholaiminae (Nematoda). I. Significance of the De Manian system. Biologiya Morya 1977 (3): 36-47. [In Russian].
- Belogurov OI, Belogurova LS (1977c) Systematics and evolution of Oncholaiminae. II. Biologiya Morya 1977 (5): 33-39. [In Russian].
- Belogurov OI, Belogurova LS (1977d) Systematics and evolution of Oncholaiminae (Nematoda). II. Soviet Journal of Marine Biology 3: 347-352.
- Belogurov OI, Belogurova LS (1978a) Systematics and the evolution of Oncholaiminae (Nematoda). III. System of Oncholaiminae . Soviet Journal of Marine Biology 4: 577-584.
- Belogurov OI, Belogurova LS (1978b) Systematics and evolution of Oncholaiminae (Nematoda: Oncholaiminae). III. The system of Oncholaiminae . Biologiya Morya 1978 (2): 22-31. [In Russian].
- Belogurov OI, Belogurova LS (1979) [Morphology of three species of marine nematodes of the genus *Adoncholaimus* Filipjev, 1918 and validation of *Admirandus multicavus* gen. et sp. n. (Nematoda, Oncholaimidae)]. In: Belogurov OI (Ed.) Svobodnozhivushchie i Paraziticheskie Chervi. [Free-living and parasitic worms]. VINITI (All-Union Institute for Scientific and Technical Information), Vladivostok, 37-63 pp. [In Russian].
- Belogurov OI, Belogurova LS (1988) Svobodnozhivushchiie Nematody Semeistva Oncholaimidae. Morfologiya, Filogeniya, Sistema i Opredelitel' Rodov Mirovoi Fauny. [The Free-living Nematode Family Oncholaimidae. Morphology, Phylogeny, System and

a Key to Genera of the World Fauna]. Academy of Sicence of the USSR, Vladivostok, 99 pp. [In Russian].

- Belogurov OI, Belogurova LS (1989) Morphology and systematics of free-living Oncholaimidae (Nematoda: Enoplida: Oncholaimina). Asian Marine Biology 6: 31-58.
- Belogurov OI, Galtsova VV (1983) On taxomic status of some Oncholaimidae (Nematoda) from the White Sea, previously described as new species. Zoologicheskii Zhurnal 62: 1314-1320. [In Russian].
- Belogurov OI, Belogurova LS, Pavlyuk ON (1980) Three new species of free-living nematodes of the family Oncholaimidae from the far-eastern seas of the USSR and a key to species of the genus *Pseudoncholaimus* Kreis, 1932. In: Kusakin OG (Ed.) Pribrezhnyi Planktoni Bentos Severnoi Chasti Yaponspogo Morya. [Coastal Plankton and Benthos in the Northern Parts of the Sea of Japan]. Academy of Science of the USSR, Vladivostok, 57-64 pp. [In Russian].
- Bhadury P, Austen MC, Bilton DT, Lambshead PJ, Rogers AD, Smerdon GR (2006a) Development and evaluation of a DNA-barcoding approach for the rapid identification of nematodes. Marine Ecology Progress Series 320: 1-9. DOI: 10.3354/meps320001
- Bhadury P, Austen MC, Bilton DT, Lambshead PJ, Rogers AD, Smerdon GR (2006b) Molecular detection of marine nematodes from environmental samples: overcoming eukaryotic interference. Aquatic Microbial Ecology 44: 97-103. DOI: 10.3354/ame044097
- Bhadury P, Austen MC, Bilton DT, Lambshead PJ, Rogers AD, Smerdon GR (2007) Exploitation of archived marine nematodes - a hot lysis DNA extraction protocol for molecular studies. Zoologica Scripta 36: 93-98. DOI: 10.1111/j.1463-6409.2006.00250.x
- Bik HM, Lambshead PJ, Thomas WK, Lunt DH (2010a) Moving towards a complete molecular framework of the Nematoda: a focus on the Enoplida and early-branching clades. BMC Evolutionary Biology 10 (353): 1-14. DOI: 10.1186/1471-2148-10-353
- Bik HM, Thomas WK, Lunt DH, Lambshead PJ (2010b) Low endemism, continued deep-shallow interchanges, and evidence for cosmopolitan distributions in free-living marine nematodes (order Enoplida). BMC Evolutionary Biology 10 (389): 1-10. DOI: 10.1186/1471-2148-10-389
- Bilgrami AL, Gaugler R (2004) Feeding Behaviour. In: Gaugler R, Bilgrami AL (Eds) Nematode Behaviour. CABI, Oxfordshire & Cambridge, 91-126 pp. DOI: 10.1079/9780851998183.0091
- Bilgrami AL, Gaugler R (2005) Feeding behaviour of the predatory nematodes *Laimydorus baldus* and *Discolaimus major* (Nematoda: Dorylaimida). Nematology 7: 11-20. DOI: 10.1163/1568541054192207
- Bilio M (1966) Die aquatische Bodenfauna van Salzwiesen der Nord- und Ostsee. II. Ökologische Faunenanalyse: Hydrozoa, Nematodes, Rotatoria, Gastrotricha, Nemertini, Polychaeta, Oligochaeta, Halacaridae, Ostracoda, Copepoda . Internationale Revue der Gesamten Hydrobiologie 51: 147-195. DOI: 10.1002/iroh.19660510107
- Bilio M (1967) Die aquatische Bodenfauna von Salzwiesen der Nord- und Ostsee. III. Die Biotopeinflüsse auf die Faunenverteilung. Internationale Revue der Gesamten Hydrobiologie 52: 487-533. DOI: 10.1002/iroh.19670520403
- Blaxter ML (2001) Molecular analysis of nematode evolution. In: Kennedy MW, Harnett W (Eds) Parasitic Nematodes. Molecular Biology, Biochemistry, and Immunology. CABI, Oxon & New York, 1-24 pp. DOI: 10.1079/9780851994239.0001

- Blaxter ML, de Ley P, Garey JR, Liu LX, Scheldeman P, Vierstraete A, Vanfleteren JR, Mackey LY, Dorris M, Frisse LM, Vida JT, Thomas WK (1998) A molecular evolutionary framework for the phylum Nematoda . Nature 392: 72-75. DOI: 10.1038/32160
- Blome D (1982) Systematik der Nematoda eines Sandstrandes der Nordseeinsel Sylt. Mikrofauna des Meeresbodens 86: 269-462.
- Blome D (1996) An inventory of the free-living marine nematodes of the East Frisian Wadden Sea Including the Estuaries of the Rivers Ems, Jade, and Weser. Senckenbergiana Maritima 26: 107-115.
- Blome D, Faubel A (1996) Eulittoral nematodes from the Elbe estuary: Species composition, distribution, and population dynamics. 110: 107-157.
- Bongers T, Alkemade R, Yeates GW (1991) Interpretation of disturbance-induced maturity decrease in marine nematode assemblages by means of the maturity index. Marine Ecology Progress Series 76: 135-142. DOI: 10.3354/meps076135
- Boufahja F, Ismaïly S, Beyrem H (2015) Experimental evidence of the effects of an antimitotic agent, Colchicine, on a nematode community through a microcosm approach. Cahiers de Biologie Marine 56: 39-48.
- Bouwman LA (1981) A survey of nematodes from the Ems-Estuary. Part I. Systematics. Zoologische Jahrbücher. Abteilung für Systematik, Ökologie und Geographie der Tiere 108: 335-385.
- Bouwman LA (1983) A survey of nematodes from the Ems-Estuary. Part II: Species assemblages and associations. Zoologische Jahrbücher. Abteilung für Systematik, Ökologie und Geographie der Tiere 110: 345-376.
- Bouwman LA, Romeyn K, Admiraal W (1984) On the ecology of meiofauna in an organically polluted estuarine mudflat. Estuarine, Coastal and Shelf Science 19: 633-653. DOI: 10.1016/0272-7714(84)90020-9
- Bresslau E, Schuurmans Stekhoven JH (1940) Marine Freilebende Nematoda aus der Nordsee. Musée royal d'Histoire naturelle de Belgique, Bruxelles, 74 pp.
- Brinck P, Dahl E, Wieser W (1955) Smärre undersökningar över Öresund. 19, On the littoral subsoil fauna of the Simrishamn Beach in Eastern Scania. Kungliga Fysiografiska Sällskapets i Lund Förhandlingar 25: 109-129.
- Bussau C (1990a) Freilebende Nematoden aus Küstendünen und angrenzenden Biotopen der deutschen und dänischen Küsten. II. Monhysterida, Enoplida und Trefusiida (Nematoda). Zoologischer Anzeiger 225: 189-209.
- Bussau C (1990b) Freilebende Nematoden aus Küstendünen und angrenzenden Biotopen der deutschen und dänischen Küsten. I. Gesamtüberblick und Chromadorida (Nematoda). Zoologischer Anzeiger 225: 161-188.
- Bütschli O (1874) Zur Kenntnis der freilebenden Nematoden, insbesonders der des Kieler Hafens. Nova Acta Leopoldina 36 (5): 1-144.
- Calcoen JA, de Kegel D (1979) Spermatozoa in the demanian organ of female *Adoncholaimus fuscus* (Bastian 1865) (Nematoda). Netherlands Journal of Zoology 29: 142-143.
- Calcoen JA, de Kegel D (1980) Electron microscopic observations on the demanian system of female *Metoncholaimus denticulatus* Schuurmans Stekhoven and Adam (Nematoda). Netherlands Journal of Zoology 30: 516-526.
- Capstick CK (1959) The distribution of free-living nematodes in relation to salinity in the middle and upper reaches of the River Blyth Estuary. Journal of America Ecology 28: 189-210. DOI: 10.2307/2078

- Carriço R, Zeppilli D, Quillien N, Grall J (2013) Can meiofauna be a good biological indicator of the impacts of eutrophication caused by green macroalgal blooms? An aod. Les cahiers naturalistes de l'Observatoire marin 2: 9-16.
- Chabaud A, Bain O, Hugot JP, Rausch RL, Rausch VR (1983) Organe de Monsieur de Man et insémination traumatique. Revue de Nématologie 6: 127-131.
- Chen H, Li B, Hu J, Chen J, Wu J (2007) Effects of *Spartina alterniflora* invasion on benthic nematode communities in the Yangtze Estuary. Marine Ecology Progress Series 336: 99-110. DOI: 10.3354/meps336099
- Chinnadurai G, Fernando OJ (2007) Meiofauna of mangroves of the southeast coast of India with special reference to the free-living marine nematode assemblage. Estuarine, Coastal and Shelf Science 72: 329-336. DOI: 10.1016/j.ecss.2006.11.004
- Chitwood BG (1951) North American marine nematodes. Texas Journal of Science 3: 617-672.
- Chitwood BG (1960) A preliminary contribution on the marine nemas (Adenophorea) of Northern California. Transactions of the American Microscopical Society 79: 347-384. DOI: 10.2307/3224119
- Chitwood BG, Chitwood MB (1950) An Introduction to Nematology. Section I. Anatomy. Second Edition. Monumental Printing Company, Baltimore, 213 pp.
- Chu KH, Xu M, Li CP (2009) Rapid DNA barcoding analysis of large datasets using the composition vector method. BMC Bioinformatics. 10. Supplement 14 (8): 1-9.
- Clarke JR, Anderson TJ, Bandi C (2004) Sexual transmission of a nematode parasite of wood mice (*Apodemus sylvaticus*)? Parasitology 128: 561-568.
- Clarke KR (1993) Non-parametric multivariate analyses of changes in community structure. Australian Journal of Ecology 18: 117-143. DOI: 10.1111/j.1442-9993.1993.tb00438.x
- Cobb NA (1891) Arabian nematodes. Proceedings of the Linnean Society of New South Wales. 2nd Series 5: 449-468.
- Cobb NA (1914) The North American free-living fresh-water nematodes. Contributions to a science of nematology. II. Transactions of the American Microscopical Society 33: 69-133. DOI: 10.2307/3221617
- Cobb NA (1918) Free-living nematodes. In: Ward HB, Whipple GC (Eds) Freshwater Biology. John Wiley & Sons, New York, 459-505 pp.
- Cobb NA (1930) The demanian vessels in nemas of the genus *Oncholaimus*; with notes on four new oncholaims. Journal of the Washington Academy of Sciences 20: 225-241.
- Coles JW (1960) Free-living nematodes from Skippers Island. Essex Naturalist 30: 204-207.
- Coles JW (1966) Further records of free-living nematodes from Skippers Island. Skippers Island. Skippers Island papers. 8. Essex Naturalist 31: 280-284.
- Cook AA, Bhadury P, Debenham NJ, Meldal BH, Blaxter ML, Smerdon GR, Austen MC, Lambshead PJ, Rogers AD (2005) Denaturing gradient gel electrophoresis (DGGE) as a tool for identification of marine nematodes. Marine Ecology Progress Series 291: 103-113. DOI: 10.3354/meps291103
- Coomans A (1989) Overzicht van de vrijlevende nematofauna van Belgë (Nematoda). In: Wouters K, Baert L (Eds) Proceedings of the Symposium, Invertebrates of Belgium. Koninklijk Belgisch Instituut voor Natuurwetenschappen, Brussel, 43-56 pp.
- Coomans A, Heyns J (1986) *Oncholaimus jessicae* n. sp. (Nematoda: Oncholaimidae) from fresh water in the Transvaal. South African Journal of Zoology 21: 197-201.

- Coomans A, Verschuren D, Vanderhaeghen R (1988) The demanian system, traumatic insemination and reproductive strategy in *Oncholaimus oxyuris* Ditlevsen (Nematoda, Oncholaimina). Zoologica Scripta 17: 15-23. DOI: 10.1111/j.1463-6409.1988.tb00083.x
- Craig NC, Ashman CM (1998) Changes in the intertidal fauna of the north bank of the inner Solway Firth, 1975-1992. In: Jones PD, Chambers RD (Eds) The Solway and Cumbrian Coasts. Joint Nature Conservation Committee, Peterborough, 90-98 pp.
- de Coninck L (1930) Bijdrage tot de kennis der vrijlevende Nematoden van België. Natuurwetenschappelijk Tijdschrift 12: 106-140.
- de Coninck L (1931) Over de oekologische verspreiding van vrijlevende Nematoden in België. Botanisch Jaarboek 22: 129-170.
- de Coninck LA (1943) Scientific results of Prof. Dr. P. van Oye's expedition in Iceland. XIV. Sur quelques espèces nouvelles de nématodes libres des eaux et des terres saumâtres de l'Islande. Biologisch Jaarboek 10: 193-220.
- de Coninck LA (1944) Scientific results of Prof. Dr. P. van Oye's expedition in Iceland. XVI. Nematodes libres des eaux et des terres saumatres. Biologisch Jaarboek 11: 165-220.
- de Coninck LA (1965) Généralites. In: Grasse PP (Ed.) Nemathelminthes. Masson, Paris, 3-217 pp.
- de Coninck LA, Schuurmans Stekhoven JH (1933) The freeliving marine nemas of the Belgian coast. II. With general remarks on the structure and the system of nemas. Mémoires du Musée royal d'Histoire Naturelle de Belgique 58: 1-163.
- Delamare Deboutteville C (1960) Biologie des Eaux Souterraines Littorales et Continentales. Hermann, Paris, 740 pp.
- Delamare Deboutteville C, Gerlach S, Siewing R (1955) Recherches sur la faune des eaux souterraines littorales du Golfe de Gascogne, littoral des Landes. Vie et Milieu 5: 373-407.
- de Leonardis C, Sandulli R, Vanaberbeke J, Vincx M, de Zio S (2008) Meiofauna and nematode diversity in some Mediterranean subtidal areas of the Adriatic and Ionian Sea. Scientia Marina 72: 5-13.
- de Man JG (1876a) Contribution à la connaissance des Nématoïdes marins du Golfe de Naples. Tijdschrift der Nederlandsche Dierkundige Vereeniging 3: 88-118.
- de Man JG (1876b) Onderzoekingen over vrij in de aarde levende Nematoden. Tijdschrift der Nederlandsche Dierkundige Vereeniging 2: 78-196.
- de Man JG (1881) Die einheimischen, frei in der reinen Erde und im süssen Wasser lebende Nematoden. Monographisch bearbeitet. Tijdschrift der Nederlandsche Dierkundige Vereeniging 5: 1-104.
- de Man JG (1884) Die, frei in der reinen Erde und im süssen Wasser lebenden Nematoden der Niederländischen Fauna. Eine systematisch-faunistische Monographie. Brill, Leiden, 206 pp.
- de Man JG (1886) Anatomische Untersuchungen über freilebende Nordsee-Nematoden. Paul Frohberg, Leipzig, 82 pp.
- de Man JG (1888) Sur quelques nématodes libres de la mer du nord, nouveaux ou peu connus. Mémoires de la Société Zoologique de France 1: 1-51.
- de Man JG (1889a) Espèces et genres nouveaux de nématodes libres de la mer du Nord et de la Manche. Mémoires de la Société Zoologique de France 2: 1-10.
- de Man JG (1889b) Troisième note sur les nématodes libres de la mer du Nord et de la Manche. Mémoires de la Société Zoologique de France 2: 182-216.

- de Man JG (1889c) Ueber zwei in der feuchten Erde lebende Arten der Gattung *Oncholaimus* Duj. Tijdschrift der Nederlandsche Dierkundige Vereeniging. 2de Serie 2: 162-169.
- de Man JG (1919) Die, frei in der reinen Erde und im süssen Wasser lebenden Nematoden der Niederländischen Fauna. Eine systematisch-faunistische Monographie. 2e édition. Brill, Leiden, 176 pp.
- de Man JG (1922a) Vrijlevende Nematoden. In: Redeke HC (Ed.) Flora en Fauna der Zuiderzee. Gedrukt Bij C. de Boer Jr., Helder, 214-261 pp.
- de Man JG (1922b) Lijst in van de door dezen gedurende de laatste vijf jaren in de provinciën Zuid-Holland, Noord-Brabant en Zeeland waargenomen terricole Nematoden; steeds werd met gras, mos of andere lage planten begroeide aarde onderzocht. Tijdschrift der Nederlandsche Dierkundige Vereeniging. 2de Serie 18: 166-176.
- de Man JG (1928) Sur quatre espèces de Nématodes libres observées aux environs de Caen dans un canal d'eau saumâtre a Ouistreham. Bulletin de la Société Zoologique de France 53: 96-103.
- de Smet G,, Vincx M, Vanreusel A, Vanhove S, Vanaverbreke J, Steyaert M (2001) Nematoda. Free living. In: Costello MJ, Emblow CS, White R (Eds) European Register of Marine Species. A Check-list of the Marine Species in Europe and a Bibliography of Guides to their Identification. Muséum national d'Histoire naturelle, Paris, 161-174 pp.
- de Vos AP, Redeke HC (1941) Publicaties van de Hydrobiologische Club. III. Bijdragen tot de kennis van de Mikrofauna der Groninger en Uithuizer Wadden. C. de Boer JR. N.V., den Helder, 31 pp.
- Ditlevsen H (1911) Danish freeliving nematodes. Videnskabelige Meddelelser fra dansk Naturhistorisk Forening i Kjøbenhavn 63: 213-256.
- Ditlevsen H (1919) Marine freeliving nematodes from Danish waters. Videnskabelige Meddelelser fra dansk Naturhistorisk Forening i Kjøbenhavn 70: 147-214.
- Ditlevsen H (1922) Nematological notes. Videnskabelige Meddelelser fra dansk Naturhistorisk Forening i Kjøbenhavn 74: 57-67.
- Ditlevsen H (1927) Free-living nematodes from Greenland, land and freshwater. Meddelelser om Grønland. Supplement 23: 157-198.
- Dollfus R (1946) Parasites (animaux et végétaux) des helminthes. Hyperparasites, ennemis et prédateurs des helminthes parasites et des helminthes libres, essai de compilation méthodique. Encyclopédie biologique 27. Lechevalier, Paris, 481 pp.
- dos Santos GA, Moens T (2011) Populations of two prey nematodes and their interaction are controlled by a predatory nematode. Marine Ecology Progress Series 427: 117-131.
- el Maghraby AM, Perkins EJ (1956) Additions to the marine fauna of Whitstable. Annals and Magazine of Natural History. 12th Series, Zoology, Botany, and Geology 9: 481-496. DOI: 10.1080/00222935608655844
- Ernst W, Goerke H (1974) Adenosin-5'-triphosphat (ATP) in Sedimenten und Nematoden der nordostatlantischen Tiefsee. "Meteor" Forschungsergebnisse C. Geologie und Geophysik 18: 35-42.
- Eskin RA, Palmer MA (1985) Suspension of marine nematodes in a turbulent tidal creek: species patterns. The Biological Bulletin 169: 615-623.
- Esser RP, Buckingham GR (1987) Genera and species of free living nematodes occupying fresh water habitats in North America. In: Veech JA, Dickson DW (Eds)

Vistas on Nematology. A Commemoration of the Twenty-fifth Anniversary of the Society of Nematologists. Society of Nematologists, Maryland, 477-487 pp.

- Essink K (2003) Response of an estuarine ecosystem to reduced organic waste discharge. Aquatic Ecology 37: 65-76.
- Essink K, Keidel H (1998) Changes in estuarine nematode communities following a decrease of organic pollution. Aquatic Ecology 32: 195-202. DOI: 10.1023/A:1009901207217
- Essink K, Romeyn K (1994) Estuarine nematodes as indicators of organic pollution; an example from the Ems estuary (the Netherlands). Aquatic Ecology 29: 213-219. DOI: 10.1007/bf02333992
- Field JG, Clarke KR, Warwick RW (1982) A practical strategy for analysing multispecies distribution patterns. Marine Ecology Progress Series 8: 37-52. DOI: 10.3354/meps008037
- Filipjev IN (1916) Les nématodes libres contenus dans les collections du Musée Zoologique de l'Academie Impériale des Sciences de Petrograd. Ezhegodnik Zoologicheskago Muzeia Imperatorskoi Akademii Nauk 21: 59-116.
- Filipjev IN (1918) Svobodnozhivushchiya Morskiya Nematody Okrestnostei Sevastopolya. I Vypusk. [Free-living Marine Nematodes of the Sevastopol Area. Issue I]. Russian Academy of Sciences, Petrograd, 611 pp. [In Russian].
- Filipjev IN (1924) Revision der Gattung *Adoncholaimus* . Zoologischer Anzeiger 58: 108-113.
- Filipjev IN (1925) Les Nématodes libres des mers septentrionales appartenant à la famille des Enoplidae . 91 (6): 1-216.
- Filipjev IN (1929a) Les Nématodes libres de l'extrémité orientale du golfe de Finlande et de la baie de la Néva. Études de la Néva et de son bassin 5: 3-22.
- Filipjev IN (1929b) Les Nématodes libres de la baie de la Neva et de l'extrémité orientale du Golfe de Finlande. Archiv für Hydrobiologie 20: 637-699.
- Filipjev IN (1968) Free-living Marine Nematodes of the Sevastopol Area. Issue I. English Translation by Raveh, M. Israel Program for Scientific Translations, Jerusalem, 255 pp.
- Filipjev IN, Schuurmans Stekhoven JH (1941) A Manual of Agricultural Helminthology. Brill, Leiden, 878 pp.
- Filip Z, Claus H (2008) Biolochemical and biological characterization. In: Frimmel FH, Gudrun AB, Heumann KG, Hock B, Ludemann HD, Spiteller M (Eds) Refractory Organic Substances in the Environment. John Wiley & Sons, Weinheim, 311-382 pp.
- Fonseca G, Fehlauer-Ale KH (2012) Three in one: fixing marine nematodes for ecological, molecular, and morphological studies. Limnology and Oceanography: Methods 10: 516-523.
- Fonseca G, Gallucci F (2008) Direct evidence of predation in deep-sea nematodes: the case of *Pontonema* sp. Cahiers de Biologie Marine 49: 295-297.
- Furstenberg JP, Vincx M (1989) Two oncholaimid species from a South African estuary (Nematoda, Oncholaimidae). Hydrobiologia 184: 43-50. DOI: 10.1007/BF00014300
- Gagarin VG (1978) [About nematodes root system of freshwater macrophytes]. In: Morduhaj-Boltovskoj FD (Ed.) Fauna Bespozvonochnykh i Usloviia Vosproizvodstva ryb v Pribrezhnoi zone Verkhne-Volzhskikh Vodokhranilishch. [Fauna of Invertebrates and Fish Reproduction Conditions in the Coastal Zone of the upper Volga Reservoirs]. Academy of Sciences of the USSR, Moscow, 33-45 pp. [In Russian].

- Gagarin VG (1981) [To the question of ways of nematode fauna formation in freshwaters]. In: Platonova TA, Tsalolikhin SY (Eds) Evolyutsiya, taksonomiya, morfologiya i ekologiya svobodnojivuschih nematod. [Evolution, Taxonomy, Morphology and Ecology of Freeliving Nematodes]. Academy of Sciences of the USSR, Leningrad, 25-26 pp. [In Russian].
- Gagarin VG (2001) Review of free-living nematode fauna from fresh waters of the Russian Arctic and Subarctic. Biologiya Vnutrennikh Vod 2001 (2): 32-37. [In Russian].
- Gagarin VG, Nguyen TT (2008a) Free-living nematodes from the Red River Delta, Vietnam. Inland Water Biology 1: 320-325. DOI: 10.1134/S1995082908040020
- Gagarin VG, Nguyen TT (2008b) Free-living nematodes from the Chu River, northern Vietnam. Inland Water Biology 1: 14-18. DOI: 10.1007/s12212-008-1003-4
- Gagarin VG, Nguyen TT (2008c) Free-living nematodes from the Chu River, northern Vietnam. Biologiya Vnutrennikh Vod 2008 (1): 16-20. [In Russian]. DOI: 10.1007/s12212-008-1003-4
- Gagarin VG, Nguyen TT (2008d) Free-living nematodes from the Red River Delta, Vietnam. Biologiya Vnutrennikh Vod 2008 (4): 12-17. [In Russian]. DOI: 10.1134/s1995082908040020
- Gagarin VG, Nguyen VT (2003) Three new species of free-living nematodes from Vietnamese water bodies. Zoologichesky Zhurnal 82: 1393-1401. [In Russian].
- Gagarin VG, Nguyen VT (2005) Free-living nematodes from some fresh water bodies of northern Vietnam. Biologiya Vnutrennikh Vod 2005 (1): 18-23. [In Russian].
- Gagarin VG, Nguyen VT (2007) *Ingenia communis* sp. n., *Adoncholaimus longispiculatus* sp. n. and *Viscosia sedata* sp. n. (Nematoda: Enoplida) from Mekong River Delta, Vietnam. International Journal of Nematology 17: 205-212.
- Gagarin VG, Nguyen VT (2012a) Free-living nematodes of the Tra Ly River in the Red River mouth, Vietnam. Biologiya Vnutrennikh Vod 2012 (1): 15-22. [In Russian]. DOI: 10.1134/s1995082912010038
- Gagarin VG, Nguyen VT (2012b) Free-living nematodes of the Tra Ly River in the Red River mouth, Vietnam. Inland Water Biology 5: 11-18. DOI: 10.1134/S1995082912010038
- Galtsova VV (1976) [Free-living marine nematodes as a component of the meiobenthos of the Chupa Inlet of the White Sea]. In: Platonova TA, Galtsova VV (Eds) Nematody i Ikh Rol' v Meiobentose. [Nematodes and Their Role in the Meiobenthos]. Academy of Science of the USSR, Leningrad, 165-272 pp. [In Russian].
- Galtsova VV (1985) Free-living marine nematodes as a component of the meiobenthos of the Chupa Inlet of the White Sea. In: Platonova TA, Galtsova VV (Eds) Nematodes and Their Role in the Meiobenthos. English translation by Sharma, S. American Publishing Co., New Delhi, 215-366 pp.
- Gee JM, Somerfield PJ (1997) Do mangrove diversity and leaf litter decay promote meiofaunal diversity? Journal of Experimental Marine Biology and Ecology 218: 13-33. DOI: 10.1016/S0022-0981(97)00065-8
- Gerdes G, Krumbein WE (1984) Animal communities in recent potential stromatolites of hypersaline origin. In: Cohen Y, Castenholz RW, Halvorson HO (Eds) Microbial Mats, Stromatolites. MBL Lectures in Biology. Volume 3. Alan R. Liss, New York, 59-83 pp.
- Gerdes G, Krumbein WE, Reineck HE (1985a) The depositional record of sandy, versicolored tidal flats (Mellum Island, southern North Sea). Journal of Sedimentary Petrology 55: 267-278.

- Gerdes G, Spira J, Dimentman C (1985b) The fauna of the Gavish Sabkha and the Solar Lake - a comparative study. In: Friedman GM, Krumbein WE (Eds) Hypersaline Ecosystems. The Gavish Sabkha. Springer, Berlin, 322-345 pp.
- Gerlach SA (1949) Die Nematodenbesiedlung des Sandstrandes in der Kieler Bucht. Verhandlungen der Deutschen Zoologischen Gesellschaft 1948: 156-165.
- Gerlach SA (1953a) Die Nematodenfauna der Uferzonen und des Küstengrundwassers am finnischen Meerbusen. Acta Zoologica Fennica 73: 1-32.
- Gerlach SA (1953b) Die biolozönotische Gliederung der Nematodenfaina an den deutschen Küsten. Zeitschrift für Morphologie und Ökologie der Tiere 41: 411-512. DOI: 10.1007/BF00407732
- Gerlach SA (1954a) Das Supralitoral der sandigen Meeresküsten als Lebensraum einer Mikrofauna. Kieler Meeresforschungen 10: 121-129.
- Gerlach SA (1954b) Die freilebenden Nematoden der schleswig-holsteinischen Küsten. Schriften des Naturwissenschaftlichen Vereins fuer Schleswig-Holstein 27: 44-69.
- Gerlach SA (1954c) Die Nematodenbesiedlung des Sandstrandes und des Küstengrundwassers an der italienischen Küste. II. Ökologischer Teil. Archivio Zoologico Italiano 39: 313-359.
- Gerlach SA (1958) Die Nematodenfauna der sublitoralen Region in der Kieler Bucht. Kieler Meeresforschungen 14: 64-90.
- Gerlach SA (1959) Neue Meeres-Nematoden aus dem Supralitoral der deutschen Küsten. Internationale Revue der gesamten Hydrobiologie 44: 463-467. DOI: 10.1002/iroh.19590440125
- Gerlach SA (1971) On the importance of marine meiofauna for benthos communities. Oecologia 6: 176-190. DOI: 10.1007/bf00345719
- Gerlach SA (1977) Attraction to decaying organisms as a possible cause for patchy distributions of nematodes in a Bermuda Beach. Ophelia 16: 151-165. DOI: 10.1080/00785326.1977.10425467
- Gerlach SA, Riemann F (1973) The Bremerhaven Checklist of Aquatic Nematodes. A Catalogue of Nematoda Adenophorea Excluding the Dorylaimida . Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven. Supplement 4: 1-404.
- Gerlach SA, Riemann F (1974) The Bremerhaven checklist of aquatic nematodes. A catalogue of Nematoda Adenophorea excluding the Dorylaimida. Part 2. Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven. Supplement 4: 405-736.
- Gerlach SA, Schrage M (1971) Life cycles in marine meiobenthos. Experiments at various temperatures with *Monhystera disjuncta* and *Theristus pertenuis* (Nematoda). Marine Biology 9: 274-280. DOI: 10.1007/BF00351390
- Gheskière T, Hoste E, Kotwicki L, Degraer S, Vanaverbeke J, Vincx M (2002) The sandy beach meiofauna and free-living nematodes from De Panne (Belgium). Bulletin de l'Institut Royal Sciences Naturelles de Belgique. Supplement 72: 43-49.
- Gibson AK, Fuentes JA (2014) A phylogenetic test of the Red Queen Hypothesis: outcrossing and parasitism in the nematode phylum. Evolution 69: 530-540. DOI: 10.1111/evo.12565
- Giere O (1970) Untersuchungen zur Mikrozonierung und Ökologie mariner Oligochaeten im Sylter Watt. Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven 12: 491-529.

- Giere O (2009) Meiobenthology. The Microscopic Motile Fauna of Aquatic Sediments. 2nd Edition. Springer, Berlin, 527 pp.
- Gingold R, Moens T, Rocha-Olivares A (2013) Assessing the response of nematode communities to climate change-driven warming: a microcosm experiment. PLoS ONE 8 (6): 1-13. DOI: 10.1371/journal.pone.0066653
- Goerke H, Ernst W (1975) ATP content of estuarine nematodes: contribution to the determination of meiofauna biomass by ATP measurements. In: Barnes H (Ed.) Proceedings of the 9th European Marine Biology Symposium. Aberdeen University Press, Aberdeen, 683-691 pp.
- Goodey T (1951) Soil and Freshwater Nematodes. A Monograph. Methuen & Co., London, 390 pp.
- Goodey T, Goodey JB (1963) Soil and Freshwater Nematodes. 2nd Edition. Methuen & Co., London, 544 pp.
- Gourbault N, Renaud-Mornant J (1990) Micro-meiofaunal community structure and nematode diversity in a lagoonal ecosystem (Fangataufa, Eastern Tuamotu Archipelago). Marine Ecology 11: 173-189. DOI: 10.1111/j.1439-0485.1990.tb00237.x
- Gourbault NE, Warwick RM, Helléouet MN (1995) A survey of intertidal meiobenthos (especially Nematoda) in coral sandy beaches of Moorea (French Polynesia). Bulletin of Marine Science 57: 476-488.
- Greenslade P (1989) Checklist of free-living marine nematodes from Australia, Macquarie Island and Heard Island. Records of the South Australian Museum 23: 7-19.
- Greenslade P, Nicholas WL (1991) Some Thoracostomopsidae (Nematoda: Enoplida) from Australia, incruding descrptions of two new genera and diagnostic keys. Invertebrate Taxonomy 4: 1031-1052. DOI: 10.1071/IT9901031
- Gusakov VA, Gagarin VG (2012a) Meiobenthos composition and structure in highly mineralized tributaries of Lake El'ton. Arid Ecosystems 2: 232-238. DOI: 10.1134/S2079096112030067
- Gusakov VA, Gagarin VG (2012b) Meiobenthos composition and structure in highly mineralized tributaries of Lake El'ton. Aridnye Ekosistemy 18 (4): 45-54. [In Russian]. DOI: 10.1134/s2079096112030067
- Gwyther J (2003) Nematode assemblages from *Avicennia marina* leaf litter in a temperate mangrove forest in south-eastern Australia. Marine Biology 142: 289-297.
- Gwyther J, Fairweather PG (2002) Colonisation by epibionts and meiofauna of real and mimic pneumatophores in a cool temperate mangrove habitat. Marine Ecology Progress Series 229: 137-149. DOI: 10.3354/meps229137
- Gyedu-Ababio TK (2011) Pollution status of two river estuaries in the Eastern Cape, South Africa, based on benthic meiofauna analyses. Journal of Water Resource and Protection 3: 473-486. DOI: 10.4236/jwarp.2011.37057
- Gyedu-Ababio TK, Furstenberg JP, Baird D, Vanreusel A (1999) Nematodes as indicators of pollution: a case study from the Swartkops River system, South Africa. Hydrobiologia 397: 155-169. DOI: 10.1023/A:1003617825985
- Gysels H (1970) Need for conservation of creeks in North-east Flanders, Belgium. Biological Conservation 2: 222-224. DOI: 10.1016/0006-3207(70)90116-3
- Gysels H (1972a) Over de invloed van enkele fysico-chemische faktoren op de faunistische rijkdom van de Noordoost-Vlaamse kreken. Hydrobiological Bulletin 6: 172-195. DOI: 10.1007/bf02334726

- Gysels H (1972b) Om het behoud van de kreken en wielen langs de Scheldeboorden. Een wetenschappelijke verantwoording tegenover de eisen van industrie en recreatie. Hydrobiological Bulletin 6: 196-203.
- Haitzer M, Höss S, Traunspurger W, Kukkonen J, Burnison BK, Steinberg CE (2002) Effect of dissolved organic matter on the bioconcentration of organic contaminants and on reproduction in aquatic invertebrates. In: Frimmel FH, Abbt-Braun G, Heumann KG, Hock B, Lüdemann HD, Spiteller M (Eds) Refractory Organic Substances in the Environment. Wiley, Weinheim, 361-382 pp.
- Hammer U (1986) Saline Lake Ecosystems of the World. Dr. W. Junk Publishers, Dordrecht & Boston, 616 pp.
- Hannachi A, Sellami B, Elarbaoui S, Louati H, Mahmoudi E, Beyrem H (2015) The use of free-living nematode as bio-indicators of two rivers status from northern Tunisia. International Research Journal of Earth Sciences 3: 13-17.
- Haseman C (2006) Small-scale Heterogeneity in the Arctic Deep Sea. Impact of Small Coldwater-sponges on the Diversity of Benthic Nematode Communities. Stiftung Alfred-Wegener-Institut, Bremerhaven, 294 pp.
- Heip C, Herman R, Vincx M (1983) Subtidal meiofauna of the North Sea: a review. Biologisch Jaarboek 51: 116-170.
- Heip C, Vincx M, Vranken G (1985) The ecology of marine nematodes. Oceanography and Marine Biology. An Annual Review 23: 399-489.
- Hellwig-Armonies M, Armonies W, Lorenzen S (1991) The diet of *Enoplus brevis* (Nematoda) in a supralittoral salt marsh of the North Sea. Helgoländer Meeresuntersuchungen 45: 357-372. DOI: 10.1007/BF02365525
- Höckelmann C, Moens T, Jüttner F (2004) Odor compounds from cyanobacterial biofilms acting as attractants and repellents for free-living nematodes. Limnology and Oceanography 49: 1809-1819. DOI: 10.4319/lo.2004.49.5.1809
- Hodda M (2011) Phylum Nematoda Cobb, 1932. In: Zhang ZQ (Ed.) Animal Biodiversity: An Outline of Higher-level Classification and Survey of Taxonomic Richness (Zootaxa 3148). Magnolia Press, Auckland, 63-95 pp.
- Hodda M, Nicholas WL (1985) Meiofauna associated with mangroves in the Hunter River estuary and Fullerton Cove, south-eastern Australia. Australian Journal of Marine and Freshwater Research 36: 41-50. DOI: 10.1071/mf9850041
- Hope WD (1974) Nematoda. In: Giese AC, Pearse JS (Eds) Acoelomate and Pseudocoelomate Metazoans. Reproduction of Marine Invertebrates. Volume 1. Academy Press, New York & London, 391-469 pp.
- Hope WD (2007) Nematoda. In: Light SF, Carlton JT (Eds) The Light and Smith Manual. Fourth Edition. Intertidal Invertebrates from Central California to Oregon. 4. University of California Press, Berkeley & Los Angeles, 234-266 pp.
- Hope WD (2009) Free-living marine Nematoda of the Gulf og Mexico. In: Felder DI, Camp DK (Eds) Gulf of Mexico. Origin, Waters, and Biota. 1. Texas A & M University Press, 1111-1123 pp.
- Hope WD, Murphy DG (1972) A Taxonomic Hierarchy and Checklist of the Genera and Higher Taxa of Marine Nematodes. Smithsonian Institution Press, Washington, D.C., 101 pp.
- Hopper BE (1967) Free-living marine nematodes from Biscayne Bay, Florida. II. Oncholaimidae: descriptions of five new species and one new genus (*Meyersia*). Marine Biology 1: 145-151. DOI: 10.1007/BF00386521

- Hopper BE (1969) Marine nematodes of Canada. II. Marine nematodes from the Minas Basin. Scots Bay area of the Bay of Fundy, Nova Scotia. Canadian Journal of Zoology 47: 671-690. DOI: 10.1139/z69-114
- Hopper BE, Cairns EJ (1959) Taxonomic Keys to Plant, Soil and Aquatic Nematodes. Alabama Polytechnic Institute, Alabama, 176 pp. DOI: 10.5962/bhl.title.7363
- Hopper BE, Meyers SP (1967) Population studies on benthic nematodes within a subtropical seagrass community. Marine Biology 1: 85-96. DOI: 10.1007/BF00386510
- Horsman E (1912) Additions to the marine fauna of Aberystwyth and District. Aberystwyth Studies 4: 258-268.
- Hose K, Mitchell B, Gwyther J (2008) Investigation and Reporting of Past and Present Ecological Characteristics of Seven Saline Lakes in the Corangamite Catchment Management Area. Deakin University, Geelong, 108 pp.
- Höss S, Bergtold M, Haitzer M, Traunspurger W, Steinberg CE (2001) Refractory dissolved organic matter can influence the reproduction of *Caenorhabditis elegans* (Nematoda). Freshwater Biology 46: 1-10. DOI: 10.1046/j.1365-2427.2001.00639.x
- Huang Y, Cheng B (2012) Three new free-living marine nematode species of the genus *Micoletzkyia* (Phanodermatidae) from China Sea. Journal of the Marine Biological Association of the United Kingdom 92: 941-945. DOI: 10.1017/s0025315411000476
- Huang Y, Zhang ZN (2009) Two new species of Enoplida (Nematoda) from the Yellow Sea, China. Journal of Natural History 43: 1083-1092. DOI: 10.1080/00222930902777945
- Imamura S (1931) Nematodes in the paddy field, with notes on their population before and after irrigation. Journal of College of Agriculture, Imperial University of Tokyo 11: 193-240.
- Ingels J, Hauquier F, Raes M, Vanreusel A (2014) Antarctic free-living marine nematodes. In: de Broyer C, Koubbi P (Eds) Biogeographic Atlas of the Southern Ocean. Census of Antarctic Marine Life SCAR-Marine Biodiversity Information Network. Scientific Committee on Antarctic Research, Cambridge, 83-87 pp.
- Ingole B, Singh R (2010) Biodiversity and community structure of free-living marine nematodes from the Larsemann Ice Shelf, East Antarctica. Indian Contribution in Southern Ocean 99: 1413-1419.
- International Commission on Zoological Nomenclature (1999) International Code of Zoological Nomenclature. Fourth Edition. International Trust for Zoological Nomenclature, London, 306 pp.
- International Commission on Zoological Nomenclature (2012a) Amendment of Articles 8, 9, 10, 21 and 78 of the *International Code of Zoological Nomenclature* to expand and refine methods of publication. Zootaxa 3450: 1-7.
- International Commission on Zoological Nomenclature (2012b) Amendment of Articles 8, 9, 10, 21 and 78 of the *International Code of Zoological Nomenclature* to expand and refine methods of publication. ZooKeys 219: 1-10. DOI: 10.3897/zookeys.219.3944
- International Hydrographic Organization (1953) Limits of Oceans and Seas. Third Edition. International Hydrographic Organization, Monte Carlo, 38 pp.
- Itani Y, Shirayama Y (2001) Gene flow detected between two populations of *Meyersia japonica* . Japanese Journal of Nematology 31: 51. [In Japanese].
- Ivanova MB, Belogulova LS, Tsutpalo AP (2008) The composition and distribution of intertidal biota in the estuarine zone of Amursky Bay (Peter the Great Bay, Sea of Japan). In: Lutaenko KA, Vaschenko MA (Eds) Ecological Studies and the State of the

Ecosystem of Amursky Bay and the Estuarine Zone of the Razdolnaya River (Sea of Japan). Volume 1. Dalnauka, Vladivostok, 92-142 pp.

- Ivanova MB, Belogulova LS, Tsutpalo AP (2009) Composition and distribution of benthos in the intertidal zone of Russky Island (Peter the Great Bay, Sea of Japan). In: Lutaenko KA, Vaschenko MA (Eds) Ecological Studies and the State of the Ecosystem of Amursky Bay and the Estuarine Zone of the Razdolnaya River (Sea of Japan). Volume 2. Dalnauka, Vladivostok, 87-154 pp.
- Jägerskiöld LA (1901) Weitere Beiträge zur Kenntnis der Nematoden. Kungliga Svenska Vetenskaps-akademiens Handlingar 35 (2): 1-91.
- Jägerskiöld LA (1904) Zum Bau des *Hypodontolaimus inaequalis* (Bast.), eines eigentümlichen Meeresnematode. Zoologischer Anzeiger 27: 417-421.
- Jensen P (1984) Ecology of benthic and epiphytic nematodes in brackish waters. Hydrobiologia 108: 201-217. DOI: 10.1007/bf00006329
- Jensen P (1987) Feeding ecology of free-living aquatic nematodes. Marine Ecology Progress Series 35: 187-196. DOI: 10.3354/meps035187
- Jensen P (1996) Burrows of marine nematodes as centres for microbial growth. Nematologica 42: 320-329. DOI: 10.1163/004425996x00056
- Justine JL (2002) Male and female gametes and fertilisation. In: Lee DL (Ed.) The Biology of Nematodes. Taylor & Francis, London, 73-120 pp.
- Justine JL, Jamieson BG (1999) Nematodes. In: Jamieson BG (Ed.) Progress in Male Gamete Ultrastructure and Phylogeny. Reproductive Biology of Invertebrates. Volume 9. Part B. John Wiley & Sons, New York, 183-266 pp.
- Karl DM (1980) Cellular nucleotide measurements and applications in microbial ecology. Microbiological Reviews 44: 739-796.
- Karssen G (2006) Life and Work of Dr. Johannes Govertus de Man (1850-1930). A Crustacea and Nematoda Specialist. Brill, Leiden, 120 pp.
- Kathiresan K, Qasim SZ (2005) Biodiversity of Mangrove Ecosystems. Hindustan Publishing Corporation, New Delhi, 251 pp.
- Kennedy AD (1995) Carbon partitioning within meiobenthic nematode communities in the Exe Estuary, UK. Marine Ecology Progress Series 115: 71-78.
- Kennish MJ (1990) Ecology of Estuaries. Volume 2. Biological Aspects. CRC Press, Florida, 408 pp.
- Keppner EJ, Tarjan AC (1989) Illustrated Key to the Genera of Free-living Marine Nematodes of the Order Enoplida. NOAA Technical Report NMFS 77. U.S. Department of Commerce, Washington D.C., 26 pp.
- Kinne O (1977) Cultivation of animals. In: Kinne O (Ed.) Marine Ecology. A Comprehensive, Integrated Treatise on Life in Oceans and Coastal Waters. Volume 3. Cultivation. Part 2. Wiley, New York, 691-709 pp.
- Kirjanova ES (1955) [Class nematodes, or roundworms]. In: Zoological Institute (Ed.) Atlas Bespozvonochnykh Dal'nevostchnykh Morej SSSR. [Atlas of the Invertebrates of the Far Eastern Seas of the USSR]. Academy of Sciences of the USSR, Moscow & Leningrad, 78-79 pp. [In Russian].
- Kirjanova ES (1966) Class nematodes. In: Zoological Institute (Ed.) Atlas of the Invertebrates of the Far Eastern Seas of the USSR. English Translation by Pavlovskii, E.N. Israel Program for Scientific Translations, Jerusalem, 106-107 pp.
- Kooijman SA (2014) Metabolic acceleration in animal ontogeny. An evolutionary perspective. Journal of Sea Research 94: 128-137. DOI: 10.1016/j.seares.2014.06.005

- Kreis HA (1932) Papers from Dr. Th. Mortensen's pacific expadition 1914–1916. LXI. Freilebende marine Nematoden von den Sunda-Inseln. II. Oncholaiminae . Videnskabelige Meddelelser fra dansk Naturhistorisk Forening i Kjøbenhavn 93: 23-69.
- Kreis HA (1934) Oncholaiminae Filipjev, 1916. Eine monographische Studie. Capita Zoologica 4 (5): 1-271.
- Kreis HA (1963) Marine Nematoda. Zoology of Iceland. Vol. 2. Part 14. Munksgaard, Copenhagen, 68 pp.
- Krishnamurthy K, Sultan Ali MA, Prince Jeyseelan MJ (1980) Structure and dynamics of the aquatic food web community with special reference to nematodes in mangrove ecosystems. In: Soepadmo E, Rao AN, MacIntosh DJ (Eds) Proceedings of the Asian Symposium on Mangrove Environment. Research and Management. Dicetak oleh Percetakan Ardyas, Kuala Lumpur, 429-452 pp.
- Lambshead PJ (1986) Sub-catastrophic sewage and industrial waste contamination as revealed by marine nematode faunal analysis. Marine Ecology Progress Series 29: 247-260. DOI: 10.3354/meps029247
- Leduc D (2009) Description of *Oncholaimus moanae* sp. nov. (Nematoda: Oncholaimidae), with notes on feeding ecology based on isotopic and fatty acid composition. Journal of the Marine Biological Association of the United Kingdom 89: 337-344. DOI: 10.1017/S0025315408002464
- Lee DL (2002) Behaviour. In: Lee DL (Ed.) The Biology of Nematodes. Taylor & Francis, London & New York, 369-388 pp.
- Liao JX, Yeh HM, Mok HK (2015) Meiofaunal communities in a tropical seagrass bed and adjacent unvegetated sediments with note on sufficient sample size for determining local diversity indices. Zoological Studies 54 (14): 1-10. DOI: 10.1186/s40555-014-0101-8
- Little C (1986) Fluctuations in the meiofauna of the Aufwuchs community in a brackish-water lagoon. Estuarine, Coastal and Shelf Science 23: 263-276. DOI: 10.1016/0272-7714(86)90058-2
- Litvaitis MK, Bates JW, Hope WD, Moens T (2000) Inferring a classification of the Adenophorea (Nematoda) from nucleotide sequences of the D3 expansion degmentt (26/28S rDNA). Canadian Journal of Zoology 78: 911-922. DOI: 10.1139/z00-039
- Liu XS, Xu WZ, Cheung SG, Shin PK (2008) Subtropical meiobenthic nematode communities in Victoria Harbour, Hong Kong. Marine Pollution Bulletin 56: 1486-1512. DOI: 10.1016/j.marpolbul.2008.04.021
- Loof PA, Oostenbrink M (1961) Bijdrage tot de kennis van de aaltjesfauna van de Nederlandse bodem. Jaarboek. Plantenziektenkundige dienst Wageningen 136: 176-184.
- Lopez G, Riemann F, Schrage M (1979) Feeding biology of the brackish-water oncholaimid nematode *Adoncholaimus thalassophygas* . Marine Biology 54: 311-319. DOI: 10.1007/bf00395437
- Lopez GR (1988) Comparative ecology of the macrofauna of freshwater and marine muds. Limnology and Oceanography 33: 946-962. DOI: 10.4319/lo.1988.33.4_part_2.0946
- Lorenzen S (1969) Freilebende Meeresnematoden aus dem Schlickwatt und den Salzwiesen der Nordseeküste. Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven 11: 195-238.

- Lorenzen S (1976) Desmodoridae (Nematoden) mit extrem langen Spicula aus Südamerika. Mitteilungen aus dem Instituto Colombo-Alemán de Investigaciones Científicas 8: 63-78.
- Lorenzen S (1981a) Entwurf eines phylogenetischen Systems der freilebenden Nematoden. Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven. Supplement 7: 1-472.
- Lorenzen S (1981b) Bau, Anordnung und postembryonale Entwicklung von Metanemen bei Nematoden der Ordnung Enoplida . Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven 19: 89-114.
- Lorenzen S (1994) The Phylogenetic Systematics of Freeliving Nematodes. English Translation by Platt, H.M. Unwin Brothers, Surrey, 383 pp.
- Maertens D, Coomans A (1979) The function of the Demanian system and an atypical copulatory behaviour in *Oncholaimus oxyuris* . Annales de la Société Royale Zoologique de Belgique 108: 83-87.
- Maggenti A (1981) General Nematology. Springer, New York, 372 pp. DOI: 10.1007/978-1-4612-5938-1
- Matsumoto M, Ishibashi N, Kondo E (1992) Nematode fauna in estuarine and coastal sediment of the Ariake Sea with reference to the habitat of mudskipper, *Beleophthalmus pectinirostris* . Bulletin of Research Institute on Shallow Sea and Tideland 6: 19-26. [In Japanese].
- Mawson PM (1958) Free-living nematodes. Section 3. Enoploidea from subantarctic stations. Reports. British, Australian, and New Zealand Antarctic Research Expedition 1929–1931. Series B. Zoology and Botany 6: 309-358.
- Meldal BH, Debenham NJ, de Ley P, Tandingan de Ley I, Vanfleteren JR, Vierstraete AR, Bert W, Borgonie G, Moens T, Tyler PA, Austen MC, Blaxter ML, Rogers AD, Lambshead PJ (2007) An improved molecular phylogeny of the Nematoda with special emphasis on marine taxa. Molecular Phylogenetics and Evolution 42: 622-636. DOI: 10.1016/j.ympev.2006.08.025
- Menzel R (1925) Beiträge zur Kenntnis der Mikrofauna von Niederländisch-Ostindien. VI. Bewohner salzhaltiger Thermalgewässer. Treubia 6: 450-454.
- Meuche A (1939) Die Fauna im Algenbewuchs. Nach Untersuchungen im Litoral ostholsteinischer Seen. Archiv für Hydrobiologie 34: 349-520.
- Meyl AH (1954) Die Fadenwürmer (Nematoda) einiger Salzstellen südöstlich von Braunschweig. Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft 6: 84-106.
- Meyl AH (1955) Freilebende Nematodes aus binnenländischen Salzbiotopen zwischen Braunschweig und Magdeburg. Archiv für Hydrobiologie 50: 568-614.
- Micoletzky H (1921) Die freilebenden Erd-Nematoden, mit besonderer Berücksichtigung der Steiermark und der Bukowina, zugleich mit einer Revision sämtlicher nicht mariner, freilebender Nematoden in Form von Genus-Beschreibungen und Bestimmungsschlüsseln. Archiv für Naturgeschichte 87: 1-650.
- Micoletzky H, Kreis HA (1930) Freilebende marine Nematoden von den Sunda. Insel. I. Enoplida . Videnskabelige Meddelelser fra dansk Naturhistorisk Forening i Kjøbenhavn 87: 243-339.
- Miljutin DM, Miljutina MA, Arbizu PM, Galéron J (2011) Deep-sea nematode assemblage has not recovered 26 years after experimental mining of polymetallic

nodules (Clarion-Clipperton Fracture Zone, Tropical Eastern Pacific). Deep Sea Research. I 58: 885-897. DOI: 10.1016/j.dsr.2011.06.003

- Mirto S, la Rosa T, Gambi C, Danovaro R, Mazzola A (2003) Nematode community response to fish-farm impact in the western Mediterranean. Environmental Pollution 116: 203-214. DOI: 10.1016/S0269-7491(01)00140-3
- Möbius K (1873) Die faunistischen Untersuchungen. A. Die wirbellosen Thiere der Ostsee. In: Meyer HA, Möbius K, Karsten G, Hensen V (Eds) Die Expedition zur physikalisch-chemischen und biologischen Untersuchung der Ostsee im Sommer 1871 auf S.M. Avisodampfer Pommerania. Jahresbericht der Commission zur wissenschaftlichen Untersuchung der deutschen Meere in Kiel. Wiegandt & Hempel, Berlin, 97-144 pp.
- Moens T, Vincx M (1997) Observations on the feeding ecology of estuarine nematodes. Journal of the Marine Biological Association of the United Kingdom 77: 211-227. DOI: 10.1017/s0025315400033889
- Moens T, Vincx M (1998) On the cultivation of free-living marine and estuarine nematodes. Helgolander Meeresuntersuchungen 52: 115-139. DOI: 10.1007/bf02908742
- Moens T, Bouillon S, Gallucci F (2005) Dual stable isotope abundances unravel trophic position of estuarine nematodes. Journal of the Marine Biological Association of the United Kingdom 85: 1401-1407. DOI: 10.1017/s0025315405012580
- Moens T, Traunspurger W, Bergtold M (2006) Feeding ecology of free-living benthic nematodes. In: Eyualem-Abebe, Andrássy I, Traunspurger W (Eds) Freshwater Nematodes. Ecology and Taxonomy. CAB International Publishing, Cambridge, 105-131 pp. DOI: 10.1079/9780851990095.0105
- Moens T, van Gansbeke D, Vincx M (1999a) Linking estuarine nematodes to their suspected food. A case study from the Westerschelde estuary (South-west Netherlands). Journal of the Marine Biological Association of the United Kingdom 79: 1017-1027. DOI: 10.1017/S0025315499001253
- Moens T, Verbeeck L, Vincx M (1999b) Feeding biology of a predatory and a facultatively predatory nematode (*Enoploides longispiculosus* and *Adoncholaimus fuscus*). Marine Biology 134: 585-593. DOI: 10.1007/s002270050573
- Moens T, Verbeeck L, Vincx M (1999c) Preservation and incubation time-induced bias in tracer-aided grazing studies on meiofauna. Marine Biology 133: 69-77. DOI: 10.1007/s002270050444
- Moens T, Herman P, Verbeeck L, Steyaert M, Vincx M (2000) Predation rates and prey selectivity in two predacious estuarine nematode species. Marine Ecology Progress Series 205: 185-193. DOI: 10.3354/meps205185
- Moens T, Luyten C, Middelburg JJ, Herman PM, Vincx M (2002) Tracing organic matter sources of estuarine tidal flat nematodes with stable carbon isotopes. Marine Ecology Progress Series 234: 127-137. DOI: 10.3354/meps234127
- Moens T, Verbeeck L, de Maeyer A, Swings J, Vincx M (1999) Selective attraction of marine bacterivorous nematodes to their bacterial food. Marine Ecology Progress Series 176: 165-178. DOI: 10.3354/meps176165
- Moens T, Vafeiadou AM, de Geyter E, Vanormelingen P, Sabbe K, de Troch M (2014) Diatom feeding across trophic guilds in tidal flat nematodes, and the importance of diatom cell size. Journal of Sea Research 92: 125-133. DOI: 10.1016/j.seares.2013.08.007

- Moens T, dos Santos GA, Thompson F, Swings J, Fonséca-Genevois V, Vincx M, de Mesel I (2005) Do nematode mucus secretions affect bacterial growth? Aquatic Microbial Ecology 40: 77-83. DOI: 10.3354/ame040077
- Mohd Long S (1990) The impact of pollution on the nematode and harpacticoid copepod species composition of an estuarin mudflat. Pertanika 13: 33-44.
- Mokievsky V (2009) Ekologiya Morskogo Meiobentosa. [Ecology of Marine Meiobenthos]. KMK Scientific Press, Moscow, 286 pp. [In Russian].
- Mokievsky VO, Tchesunov AV, Udalov AA, Nguen DT (2011a) Meiobenthos of a mangrove intertidal area of Nha Trang Bay, Vietnam, South China Sea: quantitative distribution and community structure with special reference to free-living nematodes. Biologiya Morya 37: 262-273. [In Russian].
- Mokievsky VO, Tchesunov AV, Udalov AA, Nguen DT (2011b) Quantitative distribution of meiobenthos and the structure of the free-living nematode community of the mangrove intertidal zone in Nha Trang Bay (Vietnam) in the South China Sea. Russian Journal of Marine Biology 37: 272-283. DOI: 10.1134/S1063074011040109
- Moodley L, Steyaert M, Epping E, Middelburg JJ, Vincx M, van Avesaath P, Moens T, Soetaert K (2008) Biomass-specific respiration rates of benthic meiofauna: demonstrating a novel oxygen micro-respiration system. Journal of Experimental Biology and Ecology 357: 41-47. DOI: 10.1016/j.jembe.2007.12.025
- Moore CG (1987) Meiofauna of the industrialised estuary and Firth of Forth, Scotland. Proceedings of the Royal Society of Edinburgh. Section B. Biological Sciences 93: 415-430.
- Mordukhai-Boltovskoi PD (1979) Composition and distribution of Caspian fauna in the light of modern data. Internationale Revue der gesamten Hydrobiologie 64: 1-33. DOI: 10.1002/iroh.19790640102
- Mordukhovich V, Atopkin D, Fadeeva N, Yagodina V, Zograf J (2015) *Admirandus multicavus* and *Adoncholaimus ussuriensis* sp. n. (Nematoda: Enoplida: Oncholaimidae) from the Sea of Japan. Nematology 17: 1229-1244. DOI: 10.1163/15685411-00002937
- Mullin PG, Harris TS, Powers TO (2005) Phylogenetic relationships of Nygolaimina and Dorylaimina (Nematoda: Dorylaimida) inferred from small subunit ribosomal DNA sequences. Nematology 7: 59-79. DOI: 10.1163/1568541054192199
- Nanajkar M, Ingole B (2010) Comparison of tropical nematode communities from the three harbours, west coast of India. Cahiers de Biologie Marine 51: 9-18.
- Nanajkar M, Ingole B, Chatterjee T (2010) Spatial distribution of the nematodes in the subtidal community of the Central West Coast of India with emphasis on *Tershellingia longicaudata* (Nematoda: Linhomoeidae). Italian Journal of Zoology 78: 222-230. DOI: 10.1080/11250001003652601
- Ngo TL, Ngo XQ (2013) The application of maturity index (MI) of the nematode in evaluating the seasonal water in stream Doi and the waste water channel for growing shrimps in Can Gio, Ho Chi Minh City. Journal of Science, Ho Chi Minh City University of Teacher Training 51: 37-48. [In Vietnamese].
- Ngo TL, Vo DH (2011) Investing elements of nematode communities in some typical habitats in Can Gio mongrove swamp, Ho Chi Minh City. Journal of Science, Ho Chi Minh City University of Teacher Training. 30: 117-123. [In Vietnamese].
- Ngo TL, Tran TM, Tran TM, Ngo XQ, Nguyen TP (2014) Comparing biodiversity of nematode communities in 2 types of shrimp ponds (industrial and extensive culture) in

the Can Gio mangrove forest, Ho Chi Minh City. Journal of Science, Ho Chi Minh City University of Teacher Training. 61: 82-95. [In Vietnamese].

- Nguyen VS, Ngo XQ, Vanreusel A, Smol N (2012) The nematode community distribution in two estuaries of the Me Kong Delta: Cung Hau and Ham Luong, South Vietnam. Journal of Biology (Vietnam) 34 (3): 1-12.
- Nguyen VT, Gagarin VG (2013a) Three new species of nematodes (Nematoda: Enoplida) from coastal waters of Vietnam. Biologiya Morya 39: 428-435. [In Russian].
- Nguyen VT, Gagarin VG (2013b) Three new species of nematodes (Nematoda: Enoplida) from coastal waters of Vietnam. Russian Journal of Marine Biology 39: 420-428. DOI: 10.1134/S1063074013060060
- Nuss B (1985) Ultrastrukturuntersuchungen zur Nahrungsabsorption von aquatischen Nematoden. Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven 21: 1-69.
- O'Halloran DM, Fitzpatrick DA, Burnell AM (2006) The chemosensory system of *Caenorhabditis elegans* and other nematodes. In: Dicke M, Takken W (Eds) Chemical Ecology from Gene to Ecosystem. Springer, Dordrecht, 71-88 pp. DOI: 10.1007/978-1-4020-5369-6_6
- Ólafsson E, Elmgren R (1997) Seasonal dynamics of sublittoral meiobenthos in relation to phytoplankton sedimentation in the Baltic Sea. Estuarine, Coastal and Shelf Science 45: 149-164. DOI: 10.1006/ecss.1996.0195
- Ólafsson E, Elmgren R, Papakosta O (1993) Effects of the deposit-feeding benthic bivalve *Macoma balthica* on meiobenthos. Oecologia 93: 457-462. DOI: 10.1007/bf00328952
- Ólafsson E, Aarnio K, Bonsdorff E, Arroyo NL (2013) Fauna of the green alga *Cladophora glomerata* in the Baltic Sea: density, diversity, and algal decomposition stage. Marine Biology 160: 2353-2362. DOI: 10.1007/s00227-013-2229-1
- Otto G (1936) Die Fauna der Enteromorphazone der Kieler Bucht. Kieler Meeresforschungen 1: 1-48.
- Paetzold D (1955) Untersuchungen an freilebenden Nematoden der Salzwiese bei Aseleben. Ein Beitrag zur Kenntnis der Nematodenfauna binnenländischer Salzbiotope. Wissenschaftliche Zeitschrift der Martin-Luther-Universität. Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe 4: 1057-1090.
- Paetzold D (1958) Beiträge zur Nematodenfauna mitteldeutscher Salzstellen im Raum von Halle. Wissenschaftliche Zeitschrift der Martin-Luther-Universität. Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe 8: 17-48.
- Pallo P, Widbom B, Ólafsson E (1998) A quantitative survey of the benthic meiofauna in the Gulf of Riga (Eastern Baltic Sea), with special reference to the structure of nematode assemblages. Ophelia 49: 117-139. DOI: 10.1080/00785326.1998.10409377
- Panikkar NK, Aiyar RG (1937) The brackish-water fauna of Madras. Proceedings of the Indian Academy of Sciences. B. 6: 284-337.
- Paramonov AA (1929) Die freilebenden Nematoden der Kinburnsense und der angrenzenden Gewässer. Arbeiten der Staatlichen Ichthyologischen Versuchs-Station 4: 59-129.
- Paramonov AA (1962) Proiskhozhdenie Nematod. Ekologo-morfologicheskaya Xarakteristika Fitonematod. Obshchie Printsipy Taksonomii. [Origins of Nematodes, Ecological and Morphological Characteristics of Plant Nematodes, Principles of Taxonomy]. Academy of Sciences of the USSR, Moscow, 480 pp. [In Russian].

- Paramonov AA (1968) Plant-parasitic Nematodes. Vol. 1. Origins of Nematodes, Ecological and Morphological Characteristics of Plant Nematodes, Principles of Taxonomy. English translation by Nemchonov, S. Israel Program for Scientific Translations, Jerusalem, 400 pp.
- Pastor de Ward CT (1993) Free-living marine nematodes from River Deseado estuary (Oncholaimoidea: Cholaimidae), Santa Cruz, Argentina. IX. Physis. Sección A. Buenos Aires 48 (114): 29-40.
- Pastor de Ward CT (1998) Spatial distribution of free living marine nematodes of Ría Deseado, Santa Cruz (Patagonia, Argentine). Revista de Biología Marina y Oceanografía 33: 291-311.
- Pastor de Ward CT, lo Russo V, Villares G, Milano V, Miyashiro L, Mazzanti R (2015) Free-living marine nematodes from San Julián Bay (Santa Cruz, Argentina). ZooKeys 489: 133-144. DOI: 10.3897/zookeys.489.7311
- Pavithran S, Ingole B, Nanajkar M, Nath BN (2007) Macrofaunal diversity in the Central Indian Ocean Basin. Biodiversity 8 (3): 11-16. DOI: 10.1080/14888386.2007.9712824
- Pavithran S, Ingole BS, Nanajkar M, Raghukumar C, Nath BN, Valsangkar AB (2009) Composition of macrobenthos from the Central Indian Ocean Basin. Journal of Earth System Science 118: 689-700. DOI: 10.1007/s12040-009-0051-4
- Pavlyuk ON, Trebukhova JA (2005) Composition and distribution of meiobenthos in Amursky Bay (Peter the Great bay, the East Sea). Ocean Science Journal 40 (3): 10-16. DOI: 10.1007/BF03022606
- Pavlyuk ON, Trebukhova YA (2006) Meiobenthos in Nha Trang Bay of the South China Sea (Vietnam). Ocean Science Journal 41 (3): 139-148. DOI: 10.1007/BF03022419
- Pavlyuk ON, Trebukhova YA (2008) The Raxdolnaya River impact on the composition of meiobenthos in the northern part of Amursky Bay (Peter the Great Bay, Sea of Japan). In: Lutaenko KA, Vaschenko MA (Eds) Ecological Studies and the State of the Ecosystem of Amursky Bay and the Estuarine Zone of the Razdolnaya River (Sea of Japan). Volume 1. Dalnauka, Vladivostok, 143-155 pp.
- Pavlyuk ON, Trebukhova YA (2011) Intertidal meiofauna of Jeju Island, Korea. Ocean Science Journal 46 (1): 1-11. DOI: 10.1007/s12601-011-0001-3
- Pavlyuk ON, Trebukhova YA, Belogurova LS (2007a) Effect of the Razdolnaya River on the structure of free-living nematode community in Amursky Bay (Sea of Japan). Biologiya Morya 33: 253-261. [In Russian].
- Pavlyuk ON, Trebukhova YA, Belogurova LS (2007b) Effect of the Razdol'naya River on structure of the free-living nematode community of the Amursky Bay, Sea of Japan. Russian Journal of Marine Biology 33: 213-221. DOI: 10.1134/S1063074007040025
- Pavlyuk ON, Trebukhova YA, Tarasov VG (2009) The impact of implanted whale carcass on nematode communities in shallow water area of Peter the Great Bay (East Sea). Ocean Science Journal 44 (3): 181-188. DOI: 10.1007/s12601-009-0016-1
- Perry RN, Aumann J (1998) Behaviour and sensory responses. In: Perry RN, Wright DJ (Eds) The Physiology and Biochemistry of Free-living and Plant-parasitic Nematodes. CAB International, Wallingford, 75-102 pp.
- Pinto TK, Austen MC, Warwick RM, Somerfield PJ, Esteves AM, Castro FJ, Fonseca-Genevois VG, Santos PJ (2013) Nematode diversity in different microhabitats in a mangrove region. Marine Ecology 34: 257-268. DOI: 10.1111/maec.12011

- Platt HM, Ball BJ (1997) Nematoda. In: Howson CM, Picton BE (Eds) The Species Directory of the Marine Fauna and Flora of the British Isles and Surrounding Seas. Ulster Museum Publication, Belfast, 67-79 pp.
- Platt HM, Warwick RM (1983) Free-living Marine Nematodes. Part 1. British Enoplids. Cambridge University Press, Cambridge, 307 pp.
- Portnova D, Mokievsky V, Soltwedel T (2011) Nematode species distribution patterns at the Håkon Mosby Mud Volcano (Norwegian Sea). Marine Ecology 32: 24-41. DOI: 10.1111/j.1439-0485.2010.00403.x
- Portnova DA, Mokievsky VO, Haflidason H, Todt K (2014a) Metazoan meiobenthos and nematode assemblages in the Nyegga Region of methane seepage (Norwegian Sea). Russian Journal of Marine Biology 40: 255-265. DOI: 10.1134/S1063074014040075
- Portnova DA, Mokievsky VO, Haflidason H, Todt K (2014b) Metazoan meiobenthos and nematode assemblages in the Nyegga Region of methane seepage (Norwegian Sea). Biologiya Morya 40: 268-278. [In Russian]. DOI: 10.1134/s1063074014040075
- Prein M (1988) Evidence for a scavenging lifestyle in the free-living Nematode *Pontonema vulgare* (Enoplida, Oncholaimidae). Kieler Meeresforschungen. Sonderheft 6: 389-394.
- Quang NX, Vanreusel A, Nguyen VT, Smol N (2007) Biodiversity of meiofauna in the intertidal Khe Nhan mudflat, Can Gio mangrove forest, Vietnam with special emphasis on free living nematodes. Ocean Science Journal 42: 135-152. DOI: 10.1007/BF03020918
- Rachor E (1969) Das de Mansche Organ der Oncholaimidae, eine genito-intestinale Verbindung bei Nematoden. Zeitschrift für Morphologie der Tiere 66: 87-166. DOI: 10.1007/bf00277650
- Rachor E (1970) Systematische Bemerkungen zur Familie der Oncholaimidae (Nematoda: Enoplida). Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven 12: 443-453.
- Remane A (1934) Die Brackwasserfauna. Mit besonderer Berücksichtigung der Ostsee. Verhandlungen der Deutschen Zoologischen Gesellschaft 1934: 34-74.
- Remane A (1955) Die brackwasser-submergenz und die umkomposition der coenosen in Belt- und Ostsee. Kieler Meeresforschungen 11: 59-73.
- Remane A, Schlieper C (1958) Die Biologie des Brackwassers. Die Binnengewässer: Einzeldarstellungen aus der Limnologie und ihren Nachbargebieten. 22. Schweizerbart, Stuttgart, 348 pp.
- Remane A, Schlieper C (1971) Biology of Brackish Water. 2nd Edition. John Wiley & Sons, New York, Toronto & Stdney, 372 pp.
- Riech F (1926) Beiträge zur Kenntnis der litoralen Lebensgemeinschaften in der poly- und mesohalinen Region des Frischen Haffes. Schriften der Physikalisch-Ökonomischen Gesellschaft zu Königsberg 65: 32-47.
- Riech F (1927) Faunistische und experimentell-biologische Untersuchungen über die Tierwelt, insbesondere die Parasiten des Frischen Haffes. Schriften der Königsberger Gelehrten Gesellschaft Naturwissenschaftliche Klasse 4: 127-283.
- Riemann F (1966) Die Interstitielle Fauna im Elbe-Aestuar. Verbreitung und Systematik. Archiv für Hydrobiologie. Supplement-Band 31: 1-279.
- Riemann F (1969) Nematoden aus dem Strandanwurf. Beitrag zum natürlichen System freilebender Nematoden. Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven 11: 25-35.

- Riemann F (1995) The deep-sea nematode *Thalassomonhystera bathislandica* sp. nov. and microhabitats of nematodes in flocculent surface sediments. Journal of the Marine Biological Association of the United Kingdom 75: 715-724. DOI: 10.1017/S0025315400039126
- Riemann F, Helmke E (2002) Symbiotic relations of sediment-agglutinating nematodes and bacteria in detrital habitats: the enzyme-sharing concept. Marine Ecology 23: 93-113. DOI: 10.1046/j.1439-0485.2002.02765.x
- Riemann F, Schrage M (1988) Carbon dioxide as an attractant for the free-living marine nematode *Adoncholaimus thalassophygas* . Marine Biology 98: 81-85. DOI: 10.1007/bf00392661
- Riemann F, Ernst W, Ernst R (1990) Acetate uptake from ambient water by the free-living marine nematode *Adoncholaimus thalassophygas* . Marine Biology 104: 453-457. DOI: 10.1007/BF01314349
- Robinson AF (2004) Nematode behavior and migrations through soil and host tissue. In: Chen ZX, Chen SY, Dickson DW (Eds) Nematology. Advances and Perspective. Vol. 1. Nematode Morphology, Physiology, and Ecology. Tsinghua University Press, Tsinghua, 330-405 pp.
- Romeyn K, Bouwman LA (1983) Food selection and consumption by estuarine nematodes. Hydrobiological Bulletin 17: 103-109. DOI: 10.1007/bf02280819
- Sawangarreruks S, Yaowasooth P, Poovachiranon S (2011) Nematode diversity at Thachin River mouth, Samut Sakhon, Thailand. Publications of the Seto Marine Biological Laboratory 41: 25-34.
- Schiemer F, Jensen P, Riemann F (1983) Ecology and systematics of free-living nematodes from the Bothnian Bay, northern Baltic Sea. Annales Zoologici Fennici 20: 277-291.
- Schneider G (1906) Beitrag zur Kenntnis der im Uferschlamm des Finnischen Meerbusens freilebenden Nematoden. Acta Societatis pro Fauna et Flora Fennica 27 (7): 1-40.
- Schneider G (1926) Die Odontopharyngiden der nördlichen Ostsee. Zoologischer Anzeiger 66: 220-227.
- Schneider G (1927a) Dritter Beitrag zur Kenntnis der Brakwasser-nematoden Finlands. Acta Societatis pro Fauna et Flora. Fennica 56 (10): 1-24.
- Schneider G (1927b) Zweiter Beitrag zur Kenntnis der Brackwasser-nematoden Finlands. Acta Societatis pro Fauna et Flora Fennica 56 (7): 1-47.
- Schneider W (1925a) Zur Nematodenfauna der Salzquellen des norddeutschen Flachlandes. I. Nematoden der Salzquellen Von Oldesloe (Holstein). Archiv für Hydrobiologie 15: 209-224.
- Schneider W (1925b) Nematoden der Salzquellen von Oldesloe. Mitteilungen der Geographischen Gesellschaft und des Naturhistorischen Museums in Lübeck 30: 148-151.
- Schneider W (1937) Freilebende Nematoden der Deutschen Limnologischen Sundaexpedition nach Sumatra, Java und Bali. Archiv für Hydrobiologie. Supplement-Band 15: 30-108.
- Schneider W (1939) Fadenwürmer oder Nematoden. I. Freilebende und Pflanzenparasitische Nematoden. Oustav Fischer, Jena, 260 pp.
- Schodduyn R (1927) Observations biologiques marines faites dans un parc à huîtres. Bulletin de l'Institut Oceanographique, Monaco 498: 1-44.

- Schratzberger M, Warr K, Rogers SI (2007) Functional diversity of nematode communities in the southwestern North Sea. Marine Environmental Research 63: 368-389. DOI: 10.1016/j.marenvres.2006.10.006
- Schulz E (1932) Beiträge zur Kenntnis mariner Nematoden aus der Kieler Bucht. Zoologische Jahrbücher. Abteilung für Systematik, Ocologie und Biologie der Tiere 62: 331-430.
- Schulz E (1935a) Nematoden aus dem Küstengrundwasser. Schriften des Naturwissenschaftlichen Vereins fuer Schleswig-Holstein 20: 435-467.
- Schulz E (1935b) Marine Nematoden von Sizilien und Gran Canaria. Zoologischer Anzeiger 109: 299-304.
- Schulz E (1936) Das Farbstreifen-Sandwatt und seine Fauna, eine ökologische-biozönotische Untersuchung an der Nordsee. Kieler Meeresforschungen 1: 359-378.
- Schulz E (1938) Über eine Mikrofauna im oberen Eulitoral auf Amrum. Kieler Meeresforschungen 3: 158-164.
- Schütz L (1963) Die Fauna der Fahrrinne des NO-Kanals. Kieler Meeresforschungen 19: 104-115.
- Schütz L (1966) Ökologische Untersuchungen über die Benthosfauna im Nordostseekanal. II. Autökologie der vagilen und hemisessilen Arten im Bewuchs der Pfähle: Makro- und Mesofauna. Internationale Revue der Gesamten Hydrobiologie 51: 633-685. DOI: 10.1002/iroh.19660510404
- Schütz L, Kinne O (1955) Über die Mikro- und Makrofauna der Holzfähle des Nord-Ostseekanals und der Kieler Förde. Kieler Meeresforschungen 11: 110-135.
- Schuurmans Stekhoven JH (1930) The ecology of zuidersea-Nemas. Tijdschrift der Nederlandsche Dierkundige Vereeniging. 3de Serie 2: 59.
- Schuurmans Stekhoven JH (1931) Ökologische und morphologische Notizen über Zuiderseenematoden. I. Die westliche Hälfte der Zuidersee. Mitteilung der Zuiderseekommission. Zeitschrift für Morphologie und Ökologie der Tiere 20: 613-678. DOI: 10.1007/BF00407681
- Schuurmans Stekhoven JH (1933) Bryozoen und Nematoden. Zoologischer Anzeiger 105: 57-59.
- Schuurmans Stekhoven JH (1934) De verzoeting der Zuiderzee en de vrijlevende Nematoden. Natuurwetenschappelijk Tijdschrift 16: 111-116.
- Schuurmans Stekhoven JH (1935a) Die Tierwelt der Nord- und Ostsee. Nematoda. Systematischer Teil. V. b. Nematoda Eranntia. Akademische Verlagsgesellschaft, Leipzig, 173 pp.
- Schuurmans Stekhoven JH (1935b) Additional notes to my monographs on the freeliving marine nemas of the Belgian Coast. I. and II. written in collaboration with W. Adam and L. A. de Coninck, with some remarks on the ecology of Belgian nemas. Mémoires du Musee royal d'Histoire Naturelle de Belgique 72: 1-36.
- Schuurmans Stekhoven JH (1936a) Das Nervensystem. In: Bronns HG (Ed.) Klassen und Ordnungen des Tierreichs. 2. Abteilung Askhelminthes, Trochhelminthes. 3. Nematodes und Nematomorpha. Leipzig, 661-879 pp.
- Schuurmans Stekhoven JH (1936b) Nematoda. In: Redeke HC (Ed.) Flora en Fauna der Zuiderzee. Monografie van een Brakwatergebied. Supplement. Gedrukt Bij C. de Boer Jr., Helder, 65-84 pp.

- Schuurmans Stekhoven JH (1936c) De oekologie der Zuiderzee nematoden. Mededelingen van de Zuiderzee-Commissie, Nederlandsche Dierkundige Vereeniging 4: 29-38.
- Schuurmans Stekhoven JH (1942a) Les nématodes libres marins du Bassin de Chasse d'Ostende. Bulletin du Musée Royal d'Histoire Naturelle de Belgique 18 (12): 1-26.
- Schuurmans Stekhoven JH (1942b) Nematoden und Austern. Zoologischer Anzeiger 137: 181-185.
- Schuurmans Stekhoven JH (1946) Freilebende marine Nematoden des Skageraks und der Umgebung von Stockholm. Arkiv för Zoologi. A. 37 (16): 1-91.
- Schuurmans Stekhoven JH (1954) Vrijlevende Nematoden. In: de Beaufort LF (Ed.) Veranderingen in de Flora en Fauna van de Zuiderzee (Thans Ijsselmeer) na de Afsluiting in 1932. Nederlandse Diekundige, Den Helder, 169-185 pp.
- Schuurmans Stekhoven JH, Adam W, Punt A (1935) Ökologische Notizen über Zuiderseenematoden. II. Die Nematoden der östlichen Hälfte der Zuidersee nebst Beobachtungen über die Aussüszung der Zuidersee nach deren Eindeichung. Zeitschrift fur Morphologie und Ökologie der Tiere 29: 609-666.
- Semprucci F, Sandulli R, de Zio Grimardi S (2008) Adenophorea nematodi marini. Biologia Marina Mediterranea. Supplement 15: 184-209.
- Semprucci F, Boi P, Manti A, Harriague AC, Rocchi M, Colantoni P, Papa S, Balsamo M (2010) Benthic communities along a littoral of the Central Adriatic Sea (Italy). Helgoland Marine Research 64: 101-115. DOI: 10.1007/s10152-009-0171-x
- Sharma J, Sun L, Hope WD, Ferris VR (2006) Phylogenetic relationships of the marine nematode family Comesomatidae . Journal of Nematology 38: 229-232.
- Shen X, Yang G, Liu Y (2007) Nematode diversity of Qingdao coast inferred from the 18S ribosomal RNA gene sequence analysis. Journal of Ocean University of China. Oceanic and Coastal Sea Research 6: 132-136. DOI: 10.1007/s11802-007-0132-4
- Sherman KM, Coull BC (1980) The response of meiofauna to sediment disturbance. Journal of Experimental Marine Biology and Ecology 46: 59-71. DOI: 10.1016/0022-0981(80)90091-X
- Shimada D, Kajihara H (2014) Two new species of free-living marine nematodes of *Adoncholaimus* Filipjev, 1918 (Oncholaimida: Oncholaimidae: Adoncholaiminae) from Hokkaido, northern Japan, with a key to species and discussion of the genus. Nematology 16: 437-451. DOI: 10.1163/15685411-00002776
- Shokoohi E, Mehrabi-Nasab A, Abolafia J (2013) Studies on *Ironus* Bastían, 1865 (Enoplida: Ironidae) from Iran with a comment on its phylogenetic position. Nematology 15: 835-849. DOI: 10.1163/15685411-00002722
- Shoshin AV (2013) Phylum Nematoda. In: Sirenko BI (Ed.) Check-list of Species of Free-living Invertebrates of the Russian Far Eastern Seas. Russian Academy of Sciences, St. Petersburg, 53-57 pp.
- Sick F (1933) Die Fauna der Meeresstrandtümpel des Bottsandes (Kieler Bucht). Archiv für Naturgeschichte. Neue Folge 2: 54-96.
- Siddiqi MR (1983) Phylogenetic relationships of the soil nematode orders Dorylaimida, Mononchida, Triplonchida and Alaimida, with a revised classification of the subclass Enoplia. Pakistan Journal of Nematology 1: 79-110.
- Skoolmun P, Gerlach SA (1971) Jahreszeitliche Fluktuationen der Nematodenfauna im Gezeitenbereich des Weser-Ästuars (Deutsche Bucht). Veröffentlichungen des Instituts für Meeresforschung in Bremerhaven 13: 119-138.

- Sminova EV, Fadeeva NP (2011) Composition and community structure of sandy shallow subtidal coastal habitats of the Sea of Japan. In: Hristoforova NK, Galysheva YA, Kobzar AD (Eds) Problemy Ekologii Morskogo Schel'fa. Materialy Vtoroi Vserossiiskoj Nauchnoj. [Environmental Problems of Marine Shelf. Proceedings of the Second All-Russian Scientific Youth Conference-School]. Far Eastern Federal University, Vladivostok, 110-116 pp. [In Russian].
- Smol N, Coomans A (2006) Order Enoplida. In: Eyualem-Abebe, Andrássy I, Traunspurger W (Eds) Freshwater Nematodes. Ecology and Taxonomy. CABI Publishing, Oxfordshire & Massachusetts, 225-292 pp. DOI: 10.1079/9780851990095.0225
- Smol N, Muthumbi A, Sharma J (2014) Order Enoplida. In: Andreas SR (Ed.) Handbook of Zoology. Gastrotricha, Cycloneuralia, and Gnathifera. Volume 2. Nematoda . Walter de Gruyter, Berlin, 193-250 pp.
- Smolyanko OI, Belogyrov OI (1987) *Oncholaimium ramosum* sp. n. and some remarks on the stoma structure in the Oncholaimidae (Nematoda). Zoologicheskii Zhurnal 66: 490-497. [In Russian].
- Soetaert K, Vincx M, Wittoeck J, Tulkens M (1995) Meiobenthic distribution and nematode community structure in five European estuaries. Hydrobiologia 311: 185-206. DOI: 10.1007/978-94-009-0117-9_15
- Soetaert K, Vincx M, Wittoeck J, Tulkens M, van Gansbeke D (1994) Spatial patterns of Westerschelde meiobenthos. Estuarine, Coastal and Shelf Science 39: 367-388. DOI: 10.1006/ecss.1994.1070
- Somerfield PJ, Warwick RM (1996) Meiofauna in Marine Pollution Monitoring Programmes. A Laboratory Mannual. Ministry of Agriculture, Fisheries and Food Directorate of Fisheries Reserach, Lowestoft, 71 pp.
- Somerfield PJ, Gee JM, Aryuthaka C (1998) Meiofaunal communities in a Malaysian mangrove forest. 78: 717-732. DOI: 10.1017/s0025315400044738
- Somerfield PJ, Rees HL, Warwick RM (1995) Interrelationships in community structure between shallow-water marine meiofauna and macrofauna in relation to dredgings disposal. Marine Ecology Progress Series 127: 103-112. DOI: 10.3354/meps127103
- Sougawa H, Shimade S, Hashimoto T, Kikuchi T (2008) Potential use of meiobenthos and free-living nematodes for sediment quality assessmant in Manazuru port, Sagami Bay, Japan. Benthos Research 63: 11-22. [In Japanese].
- Ssaweljev S (1912) Zur Kenntnis der freilebenden Nematoden des Kolafjords und des Relictensee Mogilnoje. Travaux de la Société impériale des naturalistes de St. Pétersburg 43: 108-126.
- Steinberg CE (2003) Ecology of Humic Substances in Freshwaters. Determinants from Geochemistry to Ecological Niches. Springer, Berlin & Heidelberg, 440 pp. DOI: 10.1007/978-3-662-06815-1
- Steiner G (1917) Über das Verhältnis der marinen freilebenden Nematoden zu denen des Süsswassers und des Landes. Biologisches Zentralblatt 37: 196-210.
- Steiner G (1922) Beiträge zur Kenntnis mariner Nematoden. Zoologische Jahrbücher. Abteilung für Systematik, Geographie und Biologie der Tiere 44: 1-68.
- Stewart FH (1906) The anatomy of *Oncholaimus vulgaris* Bast., with notes on two parasitic nematodes. Quarterly Journal of Microscopical Science 50: 101-150.
- Stewart FH (1914a) Studies in Indian helminthology. I. Records of the Indian Museum 10: 165-193.

- Stewart FH (1914b) Report on a collection of free-living nematodes from the Chilka Lake on the east coast of India. Records of the Indian Museum 10: 245-254.
- Sturhan D (2013) On morphology and habitat of *Longidorus andalusicus* Gutiérrez-Gutiérrez et al., 2013 (Nematoda: Longidoridae) recovered in the North Frisian wadden sea island Hooge, Germany. Soil Organisms 85: 181-187.
- Subramanian P, Prince Jeyaseelan MJ, Krishnamurthy K (1984) The nature of biodegradation of vegetation in mangrove ecosystem. Chemistry and Ecology 2: 47-68. DOI: 10.1080/02757548408070820
- Tchesunov AV (1976) [Free-living nematodes shallow water South-East of the Caspian Sea]. In: Leontiev OK, Maeva EG (Eds) Kompleksnye Issledovaniya Kaspiiskogo Morya. Tom 5. [Integrated Studies of the Caspian Sea. Volume 5]. Lomonosov Moscow State University Publishing House, Moscow, 268-273 pp. [In Russian].
- Tchesunov AV (1983) [Spatial distribution of free-living nematode species in the Caspian Sea]. In: Gilyarov MS, Zevina GB (Eds) Biologicheskie Resursy Kaspiiskogo Morya. [Biological Resources of the Caspian Sea]. Moscow University, Moscow, 69-82 pp. [In Russian].
- Tchesunov AV (2001) Life of marine nematodes. Soros Educational Journal 7: 17-26. [In Russian].
- Tchesunov AV, Mokievsky VO, Nguyen VT (2010) Three new free-living nematode species (Nematoda, Enoplida) from mangrove habitats of Nha Trang, central Vietnam. Russian Journal of Nematology 18: 155-172.
- Timm RW (1952) A Survey of the Marine Nematodes of Chesapeake Bay, Maryland. Chesapeake Biological Laboratory, Maryland, 70 pp.
- Timm RW, Hackney T (1969) Effects of fixation and dehydration procedures on marine nematodes. Journal of Nematology 1: 146-149.
- Timm T, Kumari M, Kübar K, Sohar K, Traunspurger W (2007) Meiobenthos of some Estonian coastal lakes. Proceedings of the Estonian Academy of Sciences. Biology and Ecology 56: 179-195.
- Tita G, Vincx M, Desrosiers G (1999) Size spectra, body width and morphotypes of intertidal nematodes: an ecological interpretation. Journal of the Marine Biological Association of the United Kingdom 79: 1007-1015. DOI: 10.1017/s0025315499001241
- Tita G, Desrosiers G, Vincx M, Clément M (2002) Intertidal meiofauna of the St. Lawrence estuary (Quebec, Canada): diversity, biomass and feeding structure of nematode assemblages. Journal of the Marine Biological Association of the United Kingdom 82: 779-791. DOI: 10.1017/S0025315402006148
- Torres-Pratis H, Schizas NV (2007) Meiofaunal colonization of decaying leaves of the red mangrove *Rhizophora mangle*, in southwestern Puerto Rico. Caribbean Journal of Science 43: 127-137. DOI: 10.18475/cjos.v43i1.a12
- Travizi A, Vidaković J (1997) Nematofauna in the Adriatic Sea: review and check-list of free-living nematode species. Helgoländer Meeresuntersuchungen 51: 503-519. DOI: 10.1007/BF02908730
- Trett MW, Feil RL (1990) Meiofaunal Assemblages of the Thames Estuary. April 1989–March 1990. Modules I–III. A Study of the Meiofaunal Communities Present in Sediment Samples Collected by the National Rivers Authority, Thames Region. National Rivers Authority, London, 259 pp.
- Tsalolikhin SI (1979) Origin of the fauna of nematodes of the Issyk-Kull Lake. Zoologicheskii Zhurnal 58: 629-636. [In Russian].

- Tsalolikhin SI (1980) [The nematode fauna and some aspects of the ecology of nematodes of the Kopora Bay, Gulf of Finland]. In: Vinberg GG (Ed.) Troficheskie Svyazi Presnovodnykh Bespozvonochnykh. [Trophic Relations of Freshwater Invertebrates]. Academy of Sciences of the USSR, Leningrad, 156-168 pp. [In Russian].
- Tsalolikhin SI (1982) On the problem of origin of the fauna of central Asian water bodies, *Pseudoncholaimus charon* sp. n. and *P. neglectus* sp. n. (Nematoda, Oncholaimidae) taken as an example. Zoologicheskii Zhurnal 61: 653-662. [In Russian].
- Tsujino M, Uchida M (2011) Effects of a macroalgal mat (*Ulva* spp.) on the epibenthic meiofauna of an intertidal sand flat in Hiroshima Bay, western Japan. Japanese Journal of Benthology 65: 90-97. [In Japanese]. DOI: 10.5179/benthos.65.90
- Ullberg J, Ólafsson E (2003a) Free-livig marine nematodes actively choose habitat when descending from the water column. Marine Ecology Progress Series 260: 141-149. DOI: 10.3354/meps260141
- Ullberg J, Ólafsson E (2003b) Effects of biological disturbance by *Monoporeia affinis* (Amphipoda) on small-scale migration of marine nematodes in low-energy soft sediments. Marine Biology 143: 867-874. DOI: 10.1007/s00227-003-1139-z
- Urban-Malinga B, Warzocha J, Zalewski M (2013) Effects of the invasive polychaete *Marenzelleria* spp. on benthic processes and meiobenthos of a species-poor brackish system. Journal of Sea Research 80: 25-34. DOI: 10.1016/j.seares.2013.02.005
- Urban-Malinga B, Drgas A, Gromisz S, Barnes N (2014) Species-specific effect of macrobenthic assemblages on meiobenthos and nematode community structure in shallow sandy sediments. Marine Biology 161: 195-212. DOI: 10.1007/s00227-013-2329-y
- Urban-Malinga B, Hedtkamp SI, van Beusekom JE, Wiktor J, Węsławski JM (2006) Comparison of nematode communities in Baltic and North Sea sublittoral, permeable sands. Diversity and environmental control. Estuarine, Coastal and Shelf Science 70: 224-238. DOI: 10.1016/j.ecss.2006.06.020
- Vandepitte L, Decock W, Mees J (2010) Belgian Register of Marine Species. Compiled and Validated by the VLIZ Belgian Marine Species Consortium. VLIZ Special Publication. 46. Instituut voor de Zee, Oostende, 78 pp.
- Vanhöffen E (1917) Die niedere Tierwelt des Frischen Haffs. Sitzungsberichte der Gesellschaft Naturforschender Freunde. 1917: 113-147.
- van Meel LI (1982) Les eaux saumâtres de Belgique: approches, progrès, perspectives. Institut royal des sciences naturelles de Belgique, Brussels, 396 pp.
- van Megen H, van den Elsen S, Holterman M, Karssen G, Mooyman P, Bongers T, Holovachov O, Bakker J, Helder J (2009) A phylogenetic tree of nematodes based on about 1200 full-length small subunit ribosomal DNA sequences. Nematology 11: 927-950. DOI: 10.1163/156854109x456862
- van Straalen NM, Roelofs D (2006) An Introduction to Ecological Genomics. Oxford University Press, Oxford & New York, 307 pp.
- van Straalen NM, Roelofs D (2012) An Introduction to Ecological Genomics. 2nd Edition. Oxford University Press, Oxford & New York, 38-95 pp.
- Venekey V, Fonseca-Genevois VG, Santos PJ (2010) Biodiversity of free-living marine nematodes on the coast of Brazil: a review. Zootaxa 2568: 39-66.
- Villano N, Warwick RM (1995) Meiobenthic communities associated with the seasonal cycle of growth and decay of *Ulva rigida* Agardh in the Palude Della Rosa, Lagoon of

Venice. Estuarine, Coastal and Shelf Science 41: 181-194. DOI: 10.1006/ecss.1995.0060

- Villot A (1875) Recherches sur les helminthes libres ou parasites des cotes de la bretagne. Archives de Zoologie Expérimentale et Générale. 4: 451-582.
- von Linstow O (1878) Compendium der Helminthologie. Ein Verzeichniss der bekannten Helminthen, die frei oder in thierischen Körpern leben, geordnet nach ihren Wohnthieren, unter Angabe der Organe, in denen sie gefunden sind, und mit Beifügung der Litteraturquellen. Hahn'sche Buchhandlung, Hannover, 382 pp.
- von Linstow O (1889) Compendium der Helminthologie. Nachtrag. Die Litteratur der Jahre 1878–1889. Hahn'sche Buchhandlung, Hannover, 151 pp. DOI: 10.5962/bhl.title.110933
- von Linstow O (1890) Bericht über die wissenschaftlichen Leistungen in der Naturgeschichte der Helminthen im Jahre 1889. Archiv für Naturgeschichte 56: 57-96.
- von Linstow O (1902) Beobachtungen an neuen und bekannten Nematohelminthen. Archiv für Mikroskopische Anatomie und Entwicklungsgeschichte 60: 217-232. DOI: 10.1007/BF02978385
- von Linstow O (1907) The fauna of brackish ponds at Port Canning, Lower Bengal. Part II. A new nematode of the genus *Oncholaimus* . Records of the Indian Museum 1: 45-46.
- von Thun W (1967) *Domorganus oligochaetophilus* n. sp., ein endoparasitischer Vertreter der Nematoda Adenophorea im Darm von Oligochaeten aus dem Litoral der Kieler Bucht. Marine Biology 1: 36-39. DOI: 10.1007/BF00346692
- von Wülker G, Schuurmans Stekhoven JH (1933) Die Tierwelt der Nord- und Ostsee. Nematoda. V. a. Allgemeiner Teil. Akademische Verlagsgesellschaft, Leipzig, 61 pp.
- Vopel K, Arit G (1995) The fauna of floating cyanobacterial mats in the oligohaline eulittoral zone off Hiddensee (south-west coast of the Baltic Sea). Marine Ecology 16: 217-231. DOI: 10.1111/j.1439-0485.1995.tb00407.x
- Voronov DA, Panchin YV (1995) The early stages of the cleavage in the free-living marine nematode *Enoplus brevis* (Enoplida, Enoplidae) in the normal and experimental conditions. Zoologicheskii Zhurnal 74: 31-38. [In Russian].
- Vranken G, Heip C (1986a) Toxicity of copper, mercury and lead to a marine nematode. Marine Pollution Bulletin 17: 453-457. DOI: 10.1016/0025-326X(86)90834-9
- Vranken G, Heip C (1986b) The productivity of marine nematodes. Ophelia 26: 429-442. DOI: 10.1080/00785326.1986.10422004
- Vranken G, Vanderhaeghen R, Heip C (1985) Toxicity of cadmium to free-living marine and brackish water nematodes (*Monhystera microphthalma*, *Monhystera disjuncta* and *Rhabditis marina*). Diseases of Aquatic Organisms 1: 49-58. DOI: 10.3354/dao001049
- Ward AR (1973) Studies on the sublittoral free-living nematodes of Liverpool Bay. I. The structure and distribution of the nematode populations. Marine Biology 22: 53-66. DOI: 10.1007/BF00388910
- Warwick RM (1971) Nematode associations in the Exe estuary. Journal of the Marine Biological Association of the United Kingdom 51: 439-454. DOI: 10.1017/s0025315400031908
- Warwick RM (1993) The Effects of Organic Enrichment on the Benthic Meio-and Microfauna with Particular Reference to the Fish-farming in Scottish Sea Lochs. SNH Review No. 18. Scottish Natural Heritage, Edinburgh, 14 pp.

- Warwick RM, Gage JD (1975) Nearshore zonation of benthic fauna, especially Nematoda, in Loch Etive. Journal of the Marine Biological Association of the United Kingdom 55: 293-311. DOI: 10.1017/S0025315400015952
- Warwick RM, Villano N (2000) The meiobenthic component of the Palude della Rosa, Lagoon of Venice. In: Lasserre P, Marzollo A (Eds) The Venice Lagoon Ecosystem. Inputs and Interactions Between Land and Sea. UNESCO, Paris, 227-247 pp.
- Wetzel MA, Weber A, Giere O (2002) Re-colonization of anoxic/sulfidic sediments by marine nematodes after experimental removal of macroalgal cover. Marine Biology 141: 679-689. DOI: 10.1007/s00227-002-0863-0
- Wieser W (1953) Reports of the Lund University Chile Expedition 1948–1949. 10. Free-living marine nematodes. I. Enoploidea. Acta Universitatis Lundensis. Lunds Universitets Årsskrift. Ny Följd. Andra Avdelningen 49 (6): 1-155.
- Wieser W (1958) The particulate and the comparative concept in marine synecology. In: Buzzati-Traverso AA (Ed.) Perspectives in Marine Biology. A Symposium Held at Scripps Institution of Oceanography University of California. University of California Press, Berkeley & Los Angeles, 47-56 pp.
- Wieser W (1959) Reports of the Lund University Chile Expedition 1948–1949. 34. Free-living marine nematodes. IV. General part. Acta Universitatis Lundensis. Lunds Universitets Årsskrift. Ny Följd. Andra Avdelningen 55 (5): 1-111.
- Wieser W, Prudhoe S, Bayliss HA (1957) Nemathelminthes. In: Marine Biological Association (Ed.) Plymouth Marine Fauna. Third Edition. Marine Biological Association, Plymouth, 91-98 pp.
- Wildish DJ (1976) Determination of Adenosine 5'-triphosphate in Estuarine Water and Sediments by Firefly Bioluminescence Assay. Fisheries and Marine Service, St. Andrews, 45 pp.
- Willems WR, Curini-Galletti M, Ferrero TJ, Fontaneto D, Heiner I, Huys R, Ivanenko VN, Kristensen RM, Kånneby T, MacNaughton MO, Martínez Arbizu P, Todaro MA, Sterrer W, Jondelius U (2009) Meiofauna of the Koster-area, results from a workshop at the Sven Lovén Centre for Marine Sciences (Tjärnö, Sweden). Meiofauna Marina 17: 1-34.
- Wu J, Fu C, Chen S, Chen J (2002) Soil faunal response to land use: effect of estuarine tideland reclamation on nematode communities. Applied Soil Ecology 21: 131-147. DOI: 10.1016/s0929-1393(02)00065-3
- Wu J, Fu C, Lu F, Chen J (2005) Changes in free-living nematode community structure in relation to progressive land reclamation at an intertidal marsh. Applied Soil Ecology 29: 47-58. DOI: 10.1016/j.apsoil.2004.09.003
- Yoshimura K (1982) Free-living marine nematodes from Kii Peninsula. II. Publications of The Seto Marine Biological Laboratory 27: 133-142.
- Yushin VV, Malakhov VV (1997) Ultrastructure of the female reproductive system of the free-living marine nematode *Enoplus demani* (Nematoda: Enoplida). Fandamental and Applied Nematology 20: 115-125.
- Yushin VV, Coomans A, Malakhov VV (2002) Ultrastructure of spermatogenesis in the free-living marine nematode *Pontonema vulgare* (Enoplida, Oncholaimidae). Canadian Journal of Zoology 80: 1371-1382. DOI: 10.1139/z02-127
- Zaika VE, Makarova NP (1979) Specific production of free-living marine nematodes. Marine Ecology Progress Series 1: 153-158. DOI: 10.3354/meps001153

- Zeppilli D, Canals M, Danovaro R (2012) Pockmarks enhance deep-sea benthic biodiversity: a case study in the western Mediterranean Sea. Diversity and Distributions 18: 832-846. DOI: 10.1111/j.1472-4642.2011.00859.x
- Zeppilli D, Bongiorni L, Santos RS, Vanreusel A (2014) Changes in nematode communities in different physiographic sites of the Condor Seamount (North-East Atlantic Ocean) and adjacent sediments. PLoS ONE 9 (12): 1-26. DOI: 10.1371/journal.pone.0115601
- Zvyagintsev AY, Moshchenko AV (2010) Morskie Tekhnoekosistemy Enirgeticheskikh Stantsii. [Marine Techno-Ecosystems of Power Plants]. Dalnauka, Vladivostok, 342 pp. [In Russian].